

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw mode!

Run on: September 16, 2004, 16:23:02 ; Search time 68.2713 Seconds
(without alignments)
5446.173 Million cell updates/sec

Title: US-03-477-082-1
Perfect score: 670
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Gapop 60.0 , Gapext 60.0

Searched: 682709 seqs, 277475446 residues

Word size : 0

Total number of hits satisfying chosen parameters: 839752

Minimum DB seq length: 0
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Post-processing: Listing first 45 summaries

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 5: /cgn2_6/pctodata/2/ina/PC75_COMB.seq:
 6: /cgn2_6/pctodata/2/ina/backfiles1.seq:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	15	2.2	19	3	US-08-860-035-5		Sequence 5, Appli
2	15	2.2	19	4	US-09-844-523-54		Sequence 54, Appli
3	15	2.2	20	4	US-09-122-230-12		Sequence 12, Appli
4	15	2.2	24	2	US-09-559-306-15		Sequence 15, Appli
C 5	15	2.2	29	4	US-09-453-380-3		Sequence 3, Appli
C 6	15	2.2	36	4	US-09-463-332A-3		Sequence 3, Appli
C 7	15	2.2	36	4	US-09-985-352A-3		Sequence 3, Appli
C 8	15	2.2	36	4	US-09-113-692B-3		Sequence 3, Appli
C 9	15	2.2	36	4	US-09-607-277A-3		Sequence 3, Appli
C 10	15	2.2	36	4	US-08-322-832-10		Sequence 51, Appli
C 11	15	2.2	42	2	US-08-194-981E-51		Sequence 669, Appli
C 12	14	2.1	18	4	US-09-422-978-6699		Sequence 18, Appli
C 13	14	2.1	20	3	US-08-940-250-15		Sequence 145, Appli
C 14	14	2.1	20	4	US-09-517-467B-145		Sequence 1, Appli
C 15	14	2.1	21	4	US-09-422-978-8188		Sequence 818, Appli
C 16	14	2.1	23	2	US-08-322-832-10		Sequence 10, Appli
C 17	14	2.1	23	3	US-08-828-584-10		Sequence 10, Appli
C 18	14	2.1	29	4	US-0-559-306-18		Sequence 18, Appli
C 19	14	2.1	33	3	US-08-603-430-82		Sequence 1, Appli
C 20	14	2.1	37	2	US-08-424-663-1		Sequence 1, Appli
C 21	14	2.1	37	2	US-08-972-446-1		Sequence 1, Appli
C 22	14	2.1	37	2	US-09-280-270A-1		Sequence 1, Appli
C 23	14	2.1	41	3	US-08-605-430-78		Sequence 78, Appli
C 24	14	2.1	45	2	US-08-872-446-9		Sequence 9, Appli
C 25	14	2.1	45	4	US-09-280-270A-9		Sequence 9, Appli
C 26	14	2.1	47	4	US-09-282-978-3044		Sequence 3044, Appli
C 27	14	2.1	48	2	US-08-872-446-12		Sequence 12, Appli

ALIGNMENTS

RESULT 1
US-08-860-038-5
Sequence 5, Application US/08860038
Patent No. 6287762

GENERAL INFORMATION:
 APPLICANT: CROUZET, Joel
 APPLICANT: SCHERMAN, Daniel
 APPLICANT: WILS, Pierre
 TITLE OF INVENTION: PURIFICATION OF A TRIPLE HELIX FORMATION WITH AN IMMOBILIZED OLIGONUCLEOTIDE
 NUMBER OF SEQUENCES: 25
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Rhone-Poulenc Rorer Inc.
 STREET: 500 Arcola Road, Mailstop 3C43
 CITY: Collegeville
 STATE: PA
 COUNTRY: USA
 ZIP: 19426

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/860,038
 FILING DATE: 01-NOV-1995
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: FR 94/15162
 FILING DATE: 16-DEC-1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: WO FR95/01468
 FILING DATE: 01-NOV-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Vitzky Esg , Martin F.
 INFORMATION FOR SEQ ID NO: 5:
 REGISTRATION NUMBER: ST94090-US
 REFERENCE/DOCKET NUMBER: ST94090-US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (610) 454-3816
 TELEFAX: (610) 454-3808
 LENGTH: 19 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: Single
 TOPOLOGY: linear
 MOLECULE TYPE: other nucleic acid
 DESCRIPTION: /desc = "Oligonucleotide"
 US-08-860-038-5

Query Match 2.2%; Score 15; DB 3; Length 19;
 Best Local Similarity 100.0%; Pred. No. 4e+02; Mismatches 0; Indels 0; Gaps 0;
 Matches 15; Conservative 0; Other Information: Oligonucleotide

Qy 19 TTGCGAGGAACAC 33
 Db 2 TTGCGAGGAACAC 16

RESULT 4
 US-09-122-230-12
 Sequence 12, Application US/09122230A
 ; GENERAL INFORMATION:
 ; APPLICANT: Carlson, et al.
 ; TITLE OF INVENTION: Coniferin Beta Glucosidase cDNA for Modifying Lignin
 ; Patent No. 5973228
 ; Parent No. 5973228
 ; CURRENT APPLICATION NUMBER: US/09/122,230A
 ; CURRENT FILING DATE: 1998-07-23
 ; PRIOR APPLICATION NUMBER: US. 60/053,566
 ; EARLIER FILING DATE: 1997-07-24
 ; NUMBER OF SEQ ID NOS: 14
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO: 12
 ; LENGTH: 24
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:primer for the
 ; OTHER INFORMATION: amplification of the CBG cDNA sequence
 US-09-122-230-12

Query Match 2.2%; Score 15; DB 2; Length 24;
 Best Local Similarity 100.0%; Pred. No. 4.1e+02; Mismatches 0; Indels 0; Gaps 0;

Qy 522 TTACCTGGAGTTC 536
 Db 9 TTACCTGGAGTTC 23

RESULT 5
 US-09-559-306-15/c
 Sequence 15, Application US/09559306
 ; GENERAL INFORMATION:
 ; Patent No. 6642000
 ; APPLICANT: STRIZHKOV, BORIS
 ; APPLICANT: TILLIB, SERGEI
 ; APPLICANT: MICHAILOVICH, VLADIMIR
 ; APPLICANT: MIRZABEKOV, ANDREI
 ; TITLE OF INVENTION: PCR AMPLIFICATION ON MICROARRAYS OF GEL IMMOBILIZED
 ; FILE REFERENCE: 21416-90459
 ; CURRENT APPLICATION NUMBER: US/09/559,306
 ; CURRENT FILING DATE: 2000-04-25
 ; PRIOR APPLICATION NUMBER: 60/165,029
 ; PRIOR FILING DATE: 1999-11-12
 ; NUMBER OF SEQ ID NOS: 58
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO: 15
 ; LENGTH: 29
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Primer
 US-09-559-306-15

Query Match 2.2%; Score 15; DB 4; Length 29;
 Best Local Similarity 100.0%; Pred. No. 4.1e+02; Mismatches 0; Indels 0; Gaps 0;

Qy 401 GTCCATGAAATGTCT 415
 Db 29 GTCCATGAAATGTCT 15

RESULT 3
 US-09-844-521-54
 Sequence 54, Application US/09844521
 ; GENERAL INFORMATION:
 ; Patent No. 6492172
 ; APPLICANT: C. Frank Bennett
 ; APPLICANT: Harris Busch
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF GU PROTEIN EXPRESSION
 ; FILE REFERENCE: RTS_0163
 ; CURRENT APPLICATION NUMBER: US/09/844,521
 ; NUMBER OF SEQ ID NOS: 87
 ; SEQ ID NO: 54
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; OTHER INFORMATION: Antisense Oligonucleotide

Query Match 2.2%; Score 15; DB 4; Length 20;
 Best Local Similarity 100.0%; Pred. No. 4e+02; Mismatches 0; Indels 0; Gaps 0;

Qy 09-844-521-54

RESULT 6
 US-09-463-380-3/c
 Sequence 3, Application US/09463380
 Patent No. 6391633
 GENERAL INFORMATION:
 APPLICANT: Anne STERN; Michael BRANDT; Konrad HONOLD; Johannes AUER;
 TITLE OF INVENTION: Preparation of erythropoletin by endogenous gene activation
 FILE REFERENCE: HUBR 1151 PFF/MAS
 CURRENT APPLICATION NUMBER: US/09/463,380
 CURRENT FILING DATE: 2000-01-21
 PRIOR APPLICATION NUMBER: PCT/EP98/04590
 PRIOR FILING DATE: 1998-07-22
 PRIOR APPLICATION NUMBER: US 09/113,692
 PRIOR FILING DATE: 1998-07-10
 PRIOR APPLICATION NUMBER: DE 19753681.1
 PRIOR FILING DATE: 1999-12-03
 PRIOR APPLICATION NUMBER: EP 97112640
 PRIOR FILING DATE: 1997-07-23
 NUMBER OF SEQ ID NOS: 17
 SOFTWARE: Wordperfect 6/7/8
 SEQ ID NO 3
 TYPE: DNA
 ORGANISM: Artificial Sequence
 OTHER INFORMATION: Nucleotide sequence of the primer used for preparing PCR Product

FEATURE: ;
 Query Match 2.2%; Score 15; DB 4; Length 36;
 Best Local Similarity 100.0%; Pred. No. 4.1e+02;
 Matches 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 206 GGGAGGGAGGAGG 220
 Db 25 GGGAGGGAGGAGG 11

RESULT 7
 US-09-463-339A-3/c
 Sequence 3, Application US/09463339A
 Patent No. 6335434
 GENERAL INFORMATION:
 APPLICANT: Boehringer Mannheim GmbH
 TITLE OF INVENTION: Identification of Human Cell Lines for the Production of Human Proteins by Endogenous Gene Activation
 NUMBER OF SEQUENCES: 4
 CORRESPONDENCE ADDRESS:
 STREET: 666 Fulbright & Jaworski L.L.P.
 CITY: New York City
 STATE: New York
 COUNTRY: USA
 ZIP: 10103
 COMPUTER READABLE FORM: Diskette, 3.25 inch, 1.44mb
 MEDIUM TYPE: Diskette, 3.25 inch, 1.44mb
 COMPUTER: IBM
 OPERATING SYSTEM: PC-DOS
 SOFTWARE: Wordperfect
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/463,339A
 FILING DATE: 30-May-2000
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT/EP98/04584
 FILING DATE: 22-Jul-1998
 APPLICATION NUMBER: 97112640.4
 FILING DATE: 23-Jul-1997
 APPLICATION NUMBER: 97121073.7
 FILING DATE: 01-Dec-1997
 APPLICATION NUMBER: 09/113,692
 FILING DATE: 10-Jul-1998
 ATTORNEY/AGENT INFORMATION:
 NAME: Mary Anne Schofield
 REGISTRATION NUMBER: 36,669

REFERENCE/DOCKET NUMBER: HUBR 1150 - PFF/MAS (09908988)
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 662-0200
 TELEFAX: (202) 662-4643
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 36 base Pairs
 TYPE: Nucleotide
 STRANDEDNESS: single strand
 TOPOLOGY: linear
 SEQUENCE DESCRIPTION: SEQ ID NO: 3:
 US-09-463-339A-3
 Query Match 2.2%; Score 15; DB 4; Length 36;
 Best Local Similarity 100.0%; Pred. No. 4.1e+02;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 206 GGGAGGGAGGAGG 220
 Db 25 GGGAGGGAGGAGG 11
 RESULT 8
 US-09-985-357A-3/c
 Sequence 3, Application US/09985357A
 Patent No. 6544748
 GENERAL INFORMATION:
 APPLICANT: Anne STERN; Michael BRANDT; Konrad HONOLD; Johannes AUER; Hans KOLL
 TITLE OF INVENTION: Preparation of erythropoietin by endogenous gene activation
 CURRENT APPLICATION NUMBER: US/09/985,357A
 FILE REFERENCE: HUBR 1151.1 CON PFF/MAS
 CURRENT FILING DATE: 2001-11-02
 PRIOR APPLICATION NUMBER: EP 97112640
 PRIOR FILING DATE: 2000-01-21
 PRIOR APPLICATION NUMBER: PCT/EP98/04590
 PRIOR FILING DATE: 1998-07-22
 PRIOR APPLICATION NUMBER: US 09/113,692
 PRIOR FILING DATE: 1998-07-10
 PRIOR APPLICATION NUMBER: DE 19753681.1
 PRIOR FILING DATE: 1997-12-03
 PRIOR APPLICATION NUMBER: EP 97112640
 PRIOR FILING DATE: 1997-07-23
 NUMBER OF SEQ ID NOS: 17
 SOFTWARE: Wordperfect
 SEQ ID NO 3
 LENGTH: 36
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Nucleotide sequence of the primer used for preparing PCR Product
 US-09-985-357A-3

Query Match 2.2%; Score 15; DB 4; Length 36;
 Best Local Similarity 100.0%; Pred. No. 4.1e+02;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 206 GGGAGGGAGGAGG 220
 Db 25 GGGAGGGAGGAGG 11
 RESULT 9
 US-09-113-692B-3/c
 Sequence 3, Application US/09113692B
 Patent No. 6548216
 GENERAL INFORMATION:
 APPLICANT: Stern, Anne
 APPLICANT: Brandt, Michael
 APPLICANT: Honold, Konrad
 APPLICANT: Auer, Johannes
 APPLICANT: Koll, Hans
 APPLICANT: Franz, Reinhard
 APPLICANT: Pessara, Ulrich

TITLE OF INVENTION: Methods For Identifying Human Cell Lines Useful for Endogenous Gene Activation, Isolated Human Cell Lines
 TITLE OF INVENTION: Endogenous Gene Activation, Identified Thereby, And Uses Thereof
 FILE REFERENCE: Huber 1126

CURRENT APPLICATION NUMBER: US/09/113,692B
 CURRENT FILING DATE: 1998-07-10
 PRIORITY NUMBER: EP/97 112 640

PRIOR APPLICATION NUMBER: 1197-07-23
 PRIOR FILING DATE: 1997-07-23

PRIOR APPLICATION NUMBER: EP/97 121 073
 PRIOR FILING DATE: 1997-12-01

PRIOR APPLICATION NUMBER: EP/97 53 681
 PRIOR FILING DATE: 1997-12-03

NUMBER OF SEQ ID NOS: 10

SEQ ID NO 3
 LENGTH: 36
 TYPE: DNA
 ORGANISM: Homo Sapiens
 US-09-113-692B-3

Query Match 2.2%; Score 15; DB 4; Length 36;
 Best Local Similarity 100.0%; Pred. No. 4.1e+02;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 206 GGGAGGGAGGAGGG 220
 Db 25 GGGAGGGAGGAGGG 11

RESULT 10
 US-09-607-277A-3/c
 Sequence 3, Application US/09607277A
 Patent No. 6555373
 GENERAL INFORMATION:
 APPLICANT: Stern, Anne
 APPLICANT: Brandt, Michael
 APPLICANT: Honold, Konrad
 APPLICANT: Auer, Johannes
 APPLICANT: Koll, Hans
 APPLICANT: Franz, Reinhard
 APPLICANT: Pessara, Ulrich
 TITLE OF INVENTION: Methods For Identifying Human Cell Lines Useful for Endogenous Gene Activation, Isolated Human Cell Lines
 TITLE OF INVENTION: Identified Thereby, And Uses Thereof
 FILE REFERENCE: Huber 1126¹
 CURRENT APPLICATION NUMBER: US/09/607,277A
 CURRENT FILING DATE: 2000-06-30
 PRIORITY NUMBER: US 09/113,692
 PRIOR FILING DATE: 1998-07-10
 PRIORITY NUMBER: EP/97 112 640

PRIOR FILING DATE: 1997-07-23
 PRIORITY NUMBER: EP/97 121 073

PRIOR FILING DATE: 1997-12-01
 PRIORITY NUMBER: EP/97 53 681

PRIOR FILING DATE: 1997-12-03
 NUMBER OF SEQ ID NOS: 10

SEQ ID NO 3
 LENGTH: 36
 TYPE: DNA
 ORGANISM: Homo Sapiens
 US-09-607-277A-3

Query Match 2.2%; Score 15; DB 4; Length 36;
 Best Local Similarity 100.0%; Pred. No. 4.1e+02;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 206 GGGAGGGAGGAGGG 220
 Db 25 GGGAGGGAGGAGGG 11

RESULT 11
 US-08-194-981E-51
 Sequence 51, Application US/08194981E

; Patent No. 5886157
 ; GENERAL INFORMATION:
 ; APPLICANT: GUNGERICH, F. Peter
 ; APPLICANT: GUO, Zuyu
 ; APPLICANT: SANDRU, Punam
 ; APPLICANT: GILLAM, Elizabeth M. J.
 ; TITLE OF INVENTION: EXPRESSION AND PURIFICATION OF HUMAN CYTOCHROME P450
 ; NUMBER OF SEQUENCES: 68
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
 ; STREET: Suite 1200, 127 Peachtree Street, NE
 ; CITY: Atlanta
 ; STATE: Georgia
 ; COUNTRY: USA
 ; ZIP: 30303-1811
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentent Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/194,981E
 ; FILING DATE: February 10, 1994
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Elizabeth Selby
 ; REGISTRATION NUMBER: 38,298
 ; REFERENCE/DOCKET NUMBER: 220000.0022
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (404) 588-0770
 ; TELEFAX: (404) 588-9880
 ; INFORMATION FOR SEQ ID NO: 51:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 42 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA (genomic)
 ; HYPOTHETICAL: NO
 ; ANTI-SENSE: NO
 ; US-08-194-981E-51

Query Match 2.2%; Score 15; DB 2; Length 42;
 Best Local Similarity 100.0%; Pred. No. 4.1e+02;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 504 CTGCCTTACGACTAA 518
 Db 17 CTGCCTTACGACTAA 31

RESULT 12
 US-09-422-978-6699
 Sequence 6699, Application US/09422978
 ; GENERAL INFORMATION:
 ; APPLICANT: Chumakov, Ilya
 ; APPLICANT: Blumenfeld, Marta
 ; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
 ; PATENT NO. 6537751
 ; FILE REFERENCE: GENSET-02CPI
 ; CURRENT APPLICATION NUMBER: US/09/422,978
 ; CURRENT FILING DATE: 1993-10-20
 ; EARLIER APPLICATION NUMBER: US 09/298,850
 ; EARLIER FILING DATE: 1993-04-11
 ; EARLIER APPLICATION NUMBER: US 60/109,732
 ; EARLIER FILING DATE: 1998-11-23
 ; EARLIER APPLICATION NUMBER: US 60/082,614
 ; EARLIER FILING DATE: 1998-04-21
 ; NUMBER OF SEQ ID NOS: 11796
 ; SEQ ID NO 6699

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; LENGTH: 18
; TYPE: DNA
; ORGANISM: HOMO SAPIENS
; FEATURE: primer_bind
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-17254 for SEQ 2755,
US-09-422-978-6699

Query Match          2.1%; Score 14; DB 4; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+03; Mismatches 0; Indels 0; Gaps 0;
Matches 14; Conservative 0; Number of SEQ ID NOS: 345
Seq ID NO: 145
Length: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-467B-145

RESULT 13
US-08-940-250-15
Sequence 15, Application US/08940250
Patent No. 6001991
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, Muthiah Manoharan
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
TITLE OF INVENTION: Of MDR P-Glycoprotein Gene Expression
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION NUMBER: US/08/940,250
APPLICATION NUMBER: US/08/940,250
FILING DATE: Herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/731,199
FILING DATE: 10/4/96
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0217
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2440
TELEFAX: (609) 810-1454
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-940-250-15

Query Match          2.1%; Score 14; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.3e+03; Mismatches 0; Indels 0; Gaps 0;
Matches 14; Conservative 0; Number of SEQ ID NOS: 345
Seq ID NO: 145
Length: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: downstream amplification primer 99-14250 for SEQ 323, in compleme
US-09-422-978-8188

RESULT 14
US-09-517-467B-145

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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: September 16, 2004, 20:34:17 ; Search time 404.448 Seconds
 (without alignments)
 8361.886 Million cell updates/sec

Title: US-09-477-082-1

Perfect score: 670

Sequence: 1 aaggcttcaagacatt.....99ggtaataaaaggcgcttt 670

Scoring table: OLIGO_NUC

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Total number of hits satisfying chosen parameters: 1870910

Minimum DB seq length: 0

Maximum DB seq length: 50

Post-processing: Listing first 45 summaries

Database : Published Applications NA:
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 3: /cgns_6/podata/2/pubnra/US06_NNEW_PUB.seq:
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 19: /cgns_6/podata/2/pubnra/US60_PUBCOMB.seq:
 Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
- 1	15	2.2	18	US-10-33-429-444	Sequence 444, App
2	15	2.2	19	US-10-275-071-5	Sequence 5, Appl
3	15	2.2	22	US-09-935-464-16	Sequence 16, Appl
4	15	2.2	22	US-10-125-835-16	Sequence 16, Appl
5	15	2.2	25	US-09-665-602-29	Sequence 29, Appl
C 6	15	2.2	25	US-10-098-263B-1062	Sequence 1062, Ap.
C 7	15	2.2	36	US-09-935-35A-3	Sequence 3, Appl
C 8	15	2.2	36	US-10-112-555-3	Sequence 3, Appl
C 9	15	2.2	36	US-10-353-167-3	Sequence 3, Appl
C 10	14	2.1	17	US-10-138-777-231	Sequence 639, Appl
C 11	14	2.1	18	US-10-349-143-659	Sequence 639, Appl
C 12	14	2.1	20	US-10-080-939-41	Sequence 41, Appl
C 13	14	2.1	20	US-10-780-143-3941	Sequence 41, Appl
C 14	14	2.1	21	US-10-349-143-8188	Sequence 8188, Ap

RESULT 2
 US-10-275-071-5

Sequence 39416, A
 Sequence 103671,
 Sequence 127788,
 Sequence 130512,
 Sequence 6, Appl
 Sequence 43, Appl
 Sequence 532, Appl
 Sequence 1, Appl
 Sequence 3044, Ap
 Sequence 6046, Ap
 Sequence 21, Appl
 Sequence 678, App
 Sequence 870, App
 Sequence 928, App
 Sequence 1282, Ap
 Sequence 285, App
 Sequence 5793, Ap
 Sequence 2699, Ap
 Sequence 52, Appl
 Sequence 52, Appl
 Sequence 286, App
 Sequence 611, Appl
 Sequence 52, Appl
 Sequence 43, Appl
 Sequence 301, App
 Sequence 177056,
 Sequence 72, App
 Sequence 72, App
 Sequence 2, App
 Sequence 177056,

ALIGNMENTS

US-10-33-429-444
 ; Sequence 444, Application US/103333429
 ; Publication No. US2004048265A1
 ; GENERAL INFORMATION:
 ; APPLICANT: GENSET
 ; TITLE OF INVENTION: Obesity Associated Biallelic Marker Maps
 ; FILE REFERENCE: G-083US0PCT
 ; CURRENT APPLICATION NUMBER: US/10/333,429
 ; CURRENT FILING DATE: 2003-01-17
 ; PRIOR APPLICATION NUMBER: PCT/IB01/01477
 ; PRIOR FILING DATE: 2001-06-28
 ; PRIOR APPLICATION NUMBER: US 60/219,704
 ; NUMBER OF SEQ ID NOS: 579
 ; SOFTWARE: Patent.pmm
 ; SEQ ID NO 444
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Homo Sapiens
 ; FEATURE: Primer_bind
 ; NAME/KEY: Primer_bind
 ; LOCATION: 1..18
 ; OTHER INFORMATION: downstream amplification primer 99-41727 for SEQ 102, in complete

```

Sequence 5, Application US/10275071
Publication No. US20030186268A1
GENERAL INFORMATION:
; APPLICANT: Crouzet, Joel
; APPLICANT: Wils, Pierre
; APPLICANT: Cameron, Beatrice
; APPLICANT: Blanche, Francis
TITLE OF INVENTION: PURIFICATION OF A TRIPLE HELIX FORMATION WITH AN
TITLE OF INVENTION: INMOBILIZED OLIGONUCLEOTIDE
CURRENT APPLICATION NUMBER: US/10/275,071
CURRENT FILING DATE: 2003-04-07
PRIOR APPLICATION NUMBER: 09/580,923
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 08/860,038
PRIOR FILING DATE: 1997-06-09
PRIOR APPLICATION NUMBER: PCT/FR95/01468
PRIOR FILING DATE: 1995-11-05
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 5
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
US-10-275-071-5
Query Match 2.2%; Score 15; DB 15; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.4e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 206 GCGAGGGAGGAGGG 220
Db 3 GGAGGGGGAGGAGGG 17
RESULT 5
US-09-965-602-29
; Sequence 29, Application US/09965602
; GENERAL INFORMATION:
; APPLICANT: Dinstler-Denk, Dagro
; TITLE OF INVENTION: HERBICIDES, INSECTICIDES AND ANTI-PROLIFERATION DRUGS
; FILE REFERENCE: ACA 8
; CURRENT APPLICATION NUMBER: US/09/965-602
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/539,697
; PRIOR FILING DATE: 2001-09-27
; NUMBER OF SEQ ID NOS: 68
; SEQ ID NO 29
; SOFTWARE: PatentIn Ver. 2.0
; LENGTH: 25
; TYPE: DNA
; ORGANISM: primer
; US-09-965-602-29
Query Match 2.2%; Score 15; DB 9; Length 25;
Best Local Similarity 100.0%; Pred. No. 2.4e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 353 AAAGCTTTCGATA 367
Db 2 AAATGCTTTCGAATA 16
RESULT 6
US-10-098-263B-1062/C
; Sequence 1062, Application US/10098263B
; Publication No. US2003010410A1
; GENERAL INFORMATION:
; APPLICANT: Mittem, Michael
; TITLE OF INVENTION: Human Microarray

```

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Sequence 5, Application US/10275071
Publication No. US20030186268A1
GENERAL INFORMATION:
; APPLICANT: Crouzet, Joel
; APPLICANT: Wils, Pierre
; APPLICANT: Cameron, Beatrice
; APPLICANT: Blanche, Francis
TITLE OF INVENTION: PURIFICATION OF A TRIPLE HELIX FORMATION WITH AN
TITLE OF INVENTION: INMOBILIZED OLIGONUCLEOTIDE
CURRENT APPLICATION NUMBER: US/10/275,071
CURRENT FILING DATE: 2003-04-07
PRIOR APPLICATION NUMBER: 09/580,923
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 08/860,038
PRIOR FILING DATE: 1997-06-09
PRIOR APPLICATION NUMBER: PCT/FR95/01468
PRIOR FILING DATE: 1995-11-05
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 5
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: forward PCR primer:
US-10-125-835-16
Query Match 2.2%; Score 15; DB 15; Length 22;
Best Local Similarity 100.0%; Pred. No. 2.4e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 253 CAGGGCAAGGGAA 267
Db 3 CAAGGCAAAGGGAA 17
RESULT 5
US-09-965-602-29
; Sequence 29, Application US/09965602
; GENERAL INFORMATION:
; APPLICANT: Dinstler-Denk, Dagro
; TITLE OF INVENTION: ESSENTIAL GENES IN YEAST AS TARGETS FOR ANTIFUNGAL
; FILE REFERENCE: ACA 8
; CURRENT APPLICATION NUMBER: US/09/965-602
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/539,697
; PRIOR FILING DATE: 2001-09-27
; NUMBER OF SEQ ID NOS: 68
; SEQ ID NO 29
; SOFTWARE: PatentIn Ver. 2.0
; LENGTH: 25
; TYPE: DNA
; ORGANISM: primer
; US-09-965-602-29
Query Match 2.2%; Score 15; DB 9; Length 25;
Best Local Similarity 100.0%; Pred. No. 2.4e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 353 AAAGCTTTCGATA 367
Db 2 AAATGCTTTCGAATA 16
RESULT 6
US-10-098-263B-1062/C
; Sequence 1062, Application US/10098263B
; Publication No. US2003010410A1
; GENERAL INFORMATION:
; APPLICANT: Mittem, Michael
; TITLE OF INVENTION: Human Microarray

```

FILE REFERENCE: 3118_1
 CURRENT APPLICATION NUMBER: US/10/098, 263B
 CURRENT FILING DATE: 2003-01-08
 PRIOR APPLICATION NUMBER: 60/276,759
 PRIOR FILING DATE: 2001-03-16
 NUMBER OF SEQ ID NOS: 131066
 SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
 SEQ ID NO: 1062
 LENGTH: 25
 TYPE: DNA
 ORGANISM: Homo sapien
 US-10-098-263B-1062

Query Match 2.2%; Score 15; DB 15; Length 25;
 Best Local Similarity 100.0%; Pred. No. 2.4e+03;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 226 TCTGTGACTTCAGTG 240
 Db 21 TCTGTGACTTCAGTG 7

RESULT 7 US-09-985-157A-3/C

; Sequence 3, Application US/09985357A
 ; Patent No. US201010913A1

GENERAL INFORMATION:
 APPLICANT: Anne STERN; Michael BRANDT; Konrad HONOLD; Johannes AUBR; Hans KOLL
 TITLE OF INVENTION: Preparation of erythropoietin by endogenous gene activation
 FILE REFERENCE: HUBR 1151.1 CON PFF/MAS
 CURRENT APPLICATION NUMBER: US/09/985, 357A
 CURRENT FILING DATE: 2001-11-02
 PRIOR APPLICATION NUMBER: US/09/463, 380
 PRIOR FILING DATE: 2000-01-21
 PRIOR APPLICATION NUMBER: PCT/EP98/04590
 PRIOR FILING DATE: 1998-07-22
 PRIOR APPLICATION NUMBER: US 09/113, 692
 PRIOR FILING DATE: 1998-07-10
 PRIOR APPLICATION NUMBER: DE 19753681.1
 PRIOR FILING DATE: 1997-12-03
 PRIOR APPLICATION NUMBER: EP 97112640
 PRIOR FILING DATE: 1997-07-23
 NUMBER OF SEQ ID NOS: 17
 SOFTWARE: Wordperfect
 SEQ ID NO: 3
 LENGTH: 36
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE: OTHER INFORMATION: Nucleotide sequence of the primer used for preparing PCR Product

US-09-985-157A-3

Query Match 2.2%; Score 15; DB 9; Length 36;
 Best Local Similarity 100.0%; Pred. No. 2.5e+03;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 206 GGAGGGAGGAGGG 220
 Db 25 GGAGGGAGGAGGG 11

RESULT 8 US-10-112-755-3/C

; Sequence 3, Application US/10112755
 ; Publication No. US201020164794A1

GENERAL INFORMATION:
 APPLICANT: Boehringer Mannheim GmbH
 TITLE OF INVENTION: Identification of Human Cell Lines for the Production of Human Proteins by Endogenous Gene Activation
 NUMBER OF SEQUENCES: 4
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Fulbright & Jaworski L.L.P.

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; NUMBER OF SEQ ID NOS: 17
; SEQ ID NO 3
; LENGTH: 36
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: OTHER INFORMATION: Nucleotide sequence of the primer used for preparing
; US-10-353-767-3
Query Match 2.2%; Score 15; DB 15; Length 36;
Best Local Similarity 100.0%; Pred. No. 2.5e+3;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 206 GGGAGGGAGGAGGG 220
Db 25 GGGAGGGAGGAGGG 11

RESULT 12
US-10-080-979-41
; Sequence 41, Application US/10080979
; Publication No. US20030191075A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: United States Department of Agriculture
; APPLICANT: Bowen, Benjamin A.
; APPLICANT: Haubenschild, Christian D
; APPLICANT: Buckler, Edward S
; TITLE OF INVENTION: Identification of Genes Associated with Growth in Plants
; FILE REFERENCE: 37-000510US
; CURRENT APPLICATION NUMBER: US/10/338,777
; CURRENT FILING DATE: 2003-01-07
; NUMBER OF SEQ ID NOS: 405
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 231
; LENGTH: 17
; ORGANISM: Arabidopsis thaliana
; TYPE: DNA
; OTHER INFORMATION: Oligonucleotide
US-10-338-777-231

Query Match 2.1%; Score 14; DB 15; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.5e+3;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 528 TGCAGTTCCCTCTG 541
Db 17 TGCACTTCCCTCTG 4

RESULT 13
US-10-080-979-41
; Sequence 41, Application US/10780439
; Publication No. US20040142899A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Philip D.
; APPLICANT: Mahooran, Muthiah
; APPLICANT: Bennett, C. Frank
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
; ENHANCED BIOSTABILITY AND ALTERED BIODISTRIBUTION OF
; OLIGONUCLEOTIDES IN MAMMALS
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESSES:
; ADDRESS: Cozen O'Connor
; STREET: 1900 Market Street
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; SEQ ID NO 6639
; Sequence 6639, Application US/10349143
; Publication No. US2004000584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenthal, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.000CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/94/422,978
; PRIOR FILING DATE: 19-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6639

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CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/10/780,439
  FILING DATE: 17-Feb-2004
  CLASSIFICATION: <Unknown>
  ATTORNEY/AGENT INFORMATION:
    NAME: Nguyen, Quan L.
    REGISTRATION NUMBER: 46,957
    REFERENCE/DOCKET NUMBER: ISIC0006-102
    TELECOMMUNICATION INFORMATION:
      TELEPHONE: 215-665-2000
      TELEFAX: 215-665-2013
    INFORMATION FOR SEQ ID NO: 41:
      SEQUENCE CHARACTERISTICS:
        LENGTH: 20
        TYPE: Nucleic Acid
        STRANDEDNESS: Single
        TOPOLOGY: Linear
    ANTI-SENSE: yes
  SEQUENCE DESCRIPTION: SEQ ID NO: 41:
  US-10-780-439-41

Query Match 2.1%; Score 14; DB 17; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.5e+03;
Matches 14; Conservative 0; Mismatches 0;
Indels 0; Gaps 0;

Qy   452 CTCTGTCCTTAA 465
Db   1 CTCGTCCTTAA 14

RESULT 14
US-10-349-143-8188
Sequence 8188, Application US/10349143
Publication No. US2010005584A1
GENERAL INFORMATION
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Maria
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO: 8188
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE: primer_bind
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-14250 for SEQ 323, in compleme
US-10-349-143-8188

Query Match 2.1%; Score 14; DB 16; Length 21;
Best Local Similarity 100.0%; Pred. No. 8.6e+03;
Matches 14; Conservative 0; Mismatches 0;
Indels 0; Gaps 0;

Qy   129 AACCGAGCACTC 142
Db   2 AACCGAGCACTC 15

RESULT 15
US-10-098-263B-39416
Sequence 39416, Application US/10098263B
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OM nucleic - nucleic search, using sw model

Run on: September 16, 2004, 16:23:02 ; Search time 76.7287 Seconds

(without alignments)
 5446.173 Million cell updates/sec

Title: US-09-477-082-2

Perfect score: 753

Sequence: 1 aattagaccgcattgaaa.....tacaatgttttttaacctt 753

Scoring table: OLIIGO_NUC

Gapop 60.0 , Gapext 60.0

Searched: 682709 seqs, 277475446 residues

Word size : 0

Total number of hits satisfying chosen parameters: 839752

Minimum DB seq length: 0
 Maximum DB seq length: 50

Post-processing: Listing first 45 summaries

Database : Issued_Patents_NA:*

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- 3: /cgn2_6/ptodata/2/ina/6A_COMB..seq:*
- 4: /cgn2_6/ptodata/2/ina/6B_COMB..seq:*
- 5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
- 6: /cgn2_6/ptodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Description
		Length	ID
1	16	2.1	US-08-6231-001A-53
2	16	2.1	US-08-645-27D-132
3	15	2.0	US-08-563-912.9
4	15	2.0	US-08-754-681.9
5	15	2.0	US-09-132-552.9
6	15	2.0	US-09-132-553.9
7	15	2.0	US-09-487B-9
8	15	2.0	US-09-605-428-9
9	15	2.0	US-09-644-723.9
10	15	2.0	US-09-644-424-9
11	15	2.0	US-09-844-513.-9
12	15	2.0	US-08-17-489C-20
13	14	1.9	US-08-32-021-28
14	14	1.9	US-08-275-951-31
15	14	1.9	US-09-531-000-9
16	14	1.9	US-08-584-040-2185
17	14	1.9	US-08-584-040-186
18	14	1.9	US-08-584-040-2187
19	14	1.9	US-08-584-040-2188
20	14	1.9	US-09-371-772B-730
21	14	1.9	US-09-371-772B-731
22	14	1.9	US-09-371-772B-732
23	14	1.9	US-09-371-772B-733
24	14	1.9	US-09-466-16
25	14	1.9	US-08-275-951-33
26	14	1.9	PCT-US91-03680-4
27	14	1.9	PCT-US91-03680-5

RESULT 2

RESULT 1
 US-08-629-001A-53

GENERAL INFORMATION:	
APPLICANT:	Shiloh, Yosef
TITLE OF INVENTION:	ATAXIA-TELANGIECTASIA GENE AND ITS
NUMBER OF SEQUENCES:	139
CORRESPONDENCE ADDRESS:	Kohn & Associates
ADDRESSEE:	30500 No. 5858661thwestern Hwy.
STREET:	Farmington Hills
STATE:	Michigan
COUNTRY:	US
ZIP:	48334
COMPUTER READABLE FORM:	
MEDIUM TYPE:	Floppy disk
COMPUTER:	IBM PC compatible
OPERATING SYSTEM:	PC DOS/MS-DOS
SOFTWARE:	Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:	
APPLICATION NUMBER:	US/08/629_001A
FILING DATE:	
CLASSIFICATION:	435
ATTORNEY/AGENT INFORMATION:	
NAME:	Kohn, Kenneth I.
REGISTRATION NUMBER:	30,955
REFERENCE/DOCKET NUMBER:	2290.0-00032
TELECOMMUNICATION INFORMATION:	
TELEPHONE:	(10) 539-5050
TELEFAX:	(810) 539-5055
INFORMATION FOR SEQ ID NO: 53:	
SEQUENCE CHARACTERISTICS:	
LENGTH:	31 base Pairs
TYPE:	nucleic acid
STRANDEDNESS:	single
TOPOLOGY:	linear
US-08-629-001A-53	
Query Match	2.1%
Best Local Similarity	100.0%
Matches	3.6e+02
Conservative	0;
Mismatches	0;
Indels	0;
Gaps	0;

Qy 711 TGAACTTTTTTTTT 726
 Db 5 TGAACTTTTTTTTT 20

US-08-642-274D-132
i Sequence 132, Application US/08642274D
i Patent No. 62003749
i GENERAL INFORMATION:
i APPLICANT: Shiloh, Yosef
i TITLE OF INVENTION: MUTATED FORMS OF THE ATAXIA-TELANGIECTASIA GENE AND METHOD TO
i FILE REFERENCE: 220000003
i CURRENT APPLICATION NUMBER: US/08/642,274D
i CURRENT FILING DATE: 1996-05-03
i NUMBER OF SEQ ID NOS: 220
i SEQ ID NO: 132
i LENGTH: 31
i TYPE: DNA
i ORGANISM: Artificial Sequence
i FEATURE: Artificial Sequence:intronic
i OTHER INFORMATION: Description of Artificial Sequence:intronic
i OTHER INFORMATION: sequence
i US-08-642-274D-132

Query Match 2.1%; Score 16; DB 3; Length 31;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 0;
Indels 0; Gaps 0;

Qy 711 TGAACTTTTTTTTT 726
Db 5 TGAACTTTTTTT 20

RESULT 3
US-08-563-912-9
i Sequence 9, Application US/08563912
i Patent No. 5854033
i GENERAL INFORMATION:
i APPLICANT: Lizardi, Paul M.
i TITLE OF INVENTION: Rolling Circle Replication Reporter Systems
i NUMBER OF SEQUENCES: 17
i CORRESPONDENCE ADDRESS:
i ADDRESSEE: Patrea L. Pabst
i STREET: 2800 One Atlantic Center
i CITY: Atlanta
i STATE: Georgia
i COUNTY: USA
i ZIP: 30306-3450
i COMPUTER READABLE FORM:
i MEDIUM TYPE: Floppy disk
i COMPUTER: IBM PC compatible
i OPERATING SYSTEM: PC-DOS/MS-DOS
i SOFTWARE: PatentIn Release #1.0, Version #1.25
i CURRENT APPLICATION DATA:
i APPLICATION NUMBER: US/08/754,681
i FILING DATE:
i CLASSIFICATION: 435
i PRIOR APPLICATION DATA:
i APPLICATION NUMBER: 08/563,912
i FILING DATE: No. 61-13495ember 21, 1995
i CLASSIFICATION: 435
i PRIOR APPLICATION DATA:
i APPLICATION NUMBER: 08/016,677
i FILING DATE: May 1, 1996
i CLASSIFICATION: 435
i ATTORNEY/AGENT INFORMATION:
i NAME: Pabst, Patrea L.
i REGISTRATION NUMBER: 31,284
i REFERENCE/DOCKET NUMBER: YU115CIP2
i TELECOMMUNICATION INFORMATION:
i TELEPHONE: (404) 873-8794
i TELEFAX: (404) 873-8795
i INFORMATION FOR SEQ ID NO: 9:
i SEQUENCE CHARACTERISTICS:
i LENGTH: 29 base pairs
i TYPE: nucleic acid
i STRANDEDNESS: single
i TOPOLOGY: linear
i MOLECULE TYPE: DNA
i HYPOTHETICAL: NO
i ANTI-SENSE: NO
i US-08-754,681-9

Query Match 2.0%; Score 15; DB 3; Length 29;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 0;
Indels 0; Gaps 0;

Qy 716 TTTCATTTTTGATC 730
Db 6 TTTCATTTTTGATC 20

RESULT 5
US-09-112-552-9
i Sequence 9, Application US/091125529

Patent No. 6183960
 GENERAL INFORMATION:
 APPLICANT: Lizardi, Paul M.
 TITLE OF INVENTION: Rolling Circle Replication Reporter Systems
 NUMBER OF SEQUENCES: 17
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Parrea L. Pabst
 STREET: 2800 One Atlantic Center
 STREET: 1201 West Peachtree Street
 CITY: Atlanta
 STATE: Georgia
 COUNTRY: USA
 ZIP: 30306-3450

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/132,552
 FILING DATE:
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Pabst, Parrea L.
 REGISTRATION NUMBER: 31,284
 REFERENCE/DOCKET NUMBER: YU115
 TELEPHONE: (404) 873-8795
 TELEFAX: (404) 873-8794

INFORMATION FOR SEQ ID NO: 9:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 29 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA
 HYPOTHETICAL: NO
 ANTI-SENSE: NO

US-09-132-553-9

RESULT 6
 US-09-357-487B_9
 Query Match Score 15; DB 3; Length 29;
 Best Local Similarity 100.0%; Pred. No. 1.1e+03;
 Matches 15; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;
 SEQ ID NO: 9

Query Match Score 15; DB 3; Length 29;
 Best Local Similarity 100.0%; Pred. No. 1.1e+03;
 Matches 15; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Query Match Score 15; DB 4; Length 29;
 Best Local Similarity 100.0%; Pred. No. 1.1e+03;
 Matches 15; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Query Match Score 15; DB 4; Length 29;
 Best Local Similarity 100.0%; Pred. No. 1.1e+03;
 Matches 15; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Query Match Score 15; DB 4; Length 29;
 Best Local Similarity 100.0%; Pred. No. 1.1e+03;
 Matches 15; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

RESULT 8
 US-09-602-428-9

Sequence 9, Application US/09602428

Patent No. 6329150

GENERAL INFORMATION:

APPLICANT: Lizardi, Paul M. and Caplan, Michael

TITLE OF INVENTION: Unimolecular Segment Amplification And Sequencing

NUMBER OF SEQUENCES: 28

CORRESPONDENCE ADDRESS:

ADDRESSEE: Patrea L. Pabst

STREET: 2800 One Atlantic Center

CITY: Atlanta

STATE: Georgia

ZIP: 30306-3450

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/644,723

FILING DATE: 23-Aug-2000

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/563,912

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Pabst, Patrea L.

REGISTRATION NUMBER: 31,284

REFERENCE/DOCKET NUMBER: YU115

TELECOMMUNICATION INFORMATION:

TELEPHONE: (404) 873-8794

TELEFAX: (404) 873-8795

INFORMATION FOR SEQ ID NO: 9

SEQUENCE CHARACTERISTICS:

LENGTH: 29 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

HYPOTHETICAL: NO

ANTI SENSE: NO

SEQUENCE DESCRIPTION: SEQ ID NO: 9

US-09-644-723-9

Query Match 2.0%; Score 15; DB 4; Length 29;

Best Local Similarity 100.0%; Prd. No. 1.1e+03;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 716 TTTTTTTTTGATC 730

Db 6 TTTTTTTTGATC 20

RESULT 10

US-09-602-428-9

Sequence 9, Application US/09602424

Patent No. 650033

GENERAL INFORMATION:

APPLICANT: Lizardi, Paul M. and Caplan, Michael

TITLE OF INVENTION: Unimolecular Segment Amplification

NUMBER OF SEQUENCES: 28

CORRESPONDENCE ADDRESS:

ADDRESSEE: Patrea L. Pabst

STREET: 2800 One Atlantic Center

CITY: Atlanta

STATE: Georgia

ZIP: 30306-3450

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/602,424

FILING DATE: 23-Jun-2000

CLASSIFICATION: <Unknown>

MAY 1, 1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/754,681

FILING DATE: <Unknown>

APPLICATION NUMBER: 60/016,677

FILING DATE: May 1, 1996

ATTORNEY/AGENT INFORMATION:

NAME: Pabst, Patrea L. Pabst

STREET: 2800 One Atlantic Center

CITY: Atlanta

STATE: Georgia

ZIP: 30306-3450

GENERAL INFORMATION:

APPLICANT: Lizardi, Paul M.

TITLE OF INVENTION: Rolling Circle Replication Reporter Systems

NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:

ADDRESSEE: Patrea L. Pabst

STREET: 2800 One Atlantic Center

CITY: Atlanta

STATE: Georgia

COUNTRY: USA

ZIP: 30306-3450

RESULT 9

US-09-644-723-9

Sequence 9, Application US/09644-723

Patent No. 6344329

GENERAL INFORMATION:

APPLICANT: Lizardi, Paul M.

TITLE OF INVENTION: Rolling Circle Replication Reporter Systems

NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:

ADDRESSEE: Patrea L. Pabst

STREET: 2800 One Atlantic Center

CITY: Atlanta

STATE: Georgia

COUNTRY: USA

ZIP: 30306-3450

NAME: Pabst, Patrea L.
 REGISTRATION NUMBER: 31, 284
 REFERENCE/DOCKET NUMBER: XU115CIP2
 TELEPHONE: (404) 873-8794
 TELEFAX: (404) 873-8795
 INFORMATION FOR SEQ ID NO: 9;
 SEQUENCE CHARACTERISTICS:
 LENGTH: 29 base Pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 SEQUENCE DESCRIPTION: SEQ ID NO: 9
 US-09-602-444-9

Query Match 2.0%; Score 15; DB 4; Length 29;
 Best Local Similarity 100.0%; Pred. No. 1.1e+03;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 716 TTTTTTTTTGATC 730
 Db 6 TTTTTTTTTGATC 20

RESULT 12
 US-08-173-489C-20
 Sequence 20, Application US/08173489C
 Patent No. 5861244
 GENERAL INFORMATION:
 APPLICANT: WANG, C. -G.
 APPLICANT: HEPBURN, A. G.
 TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
 NUMBER OF SEQUENCES: 365
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
 STREET: 510 EAST 73RD STREET,
 CITY: NEW YORK
 STATE: NEW YORK
 COUNTRY: USA
 ZIP: 10021
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 inch, 1.44MB storage
 COMPUTER: IBM PC/XT/AT
 OPERATING SYSTEM: MS-DOS version 6.2
 SOFTWARE: Wordperfect Version 5.1
 CURRENT APPLICATION NUMBER: US/08/173,489C
 APPLICATION NUMBER: US/08/173,489C
 FILING DATE: 22 DEC 1993
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/968,436
 FILING DATE: 29 OCT 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Handelman, Joseph H.
 REGISTRATION NUMBER: 26,179
 REFERENCE/DOCKET NUMBER: U9518-6
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (attorney) (212) 708-1880
 TELEFAX: (attorney) (212) 246-8959
 INFORMATION FOR SEQ ID NO: 20;
 SEQUENCE CHARACTERISTICS:
 LENGTH: 35 bases
 TYPE: Nucleic Acid
 STRANDEDNESS: single stranded
 TOPOLOGY: Linear
 MOLECULE TYPE: other nucleic acid
 DESCRIPTION: third strand derived from n-myc
 DESCRIPTION: sequence region in Seq ID No. 586124419
 HYPOTHETICAL: Yes
 ANTI-SENSE: No
 PUBLICATION INFORMATION:
 RELEVANT RESIDUES IN SEQ ID NO: 20 : FROM 1 TO 35
 US-08-173-489C-20

Query Match 2.0%; Score 15; DB 2; Length 35;
 Best Local Similarity 100.0%; Pred. No. 1.1e+03;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 461 TTTTTTTCTTTC 475
 Db 12 TTTCCTTCTTTC 26

NAME: Pabst, Patrea L.
 REGISTRATION NUMBER: 31, 284
 REFERENCE/DOCKET NUMBER: XU115CIP2
 TELEPHONE: (404) 873-8794
 TELEFAX: (404) 873-8795
 INFORMATION FOR SEQ ID NO: 9;
 SEQUENCE CHARACTERISTICS:
 LENGTH: 29 base Pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA
 HYPOTHETICAL: NO

RESULT 13
 US 08-332-021-28
 Sequence 28; Application US/08832021
 ; GENERAL INFORMATION:
 ; APPLICANT: Combates, N.
 ; APPLICANT: Pardinas, J.
 ; APPLICANT: Parimoo, S.
 ; APPLICANT: Prouty, S.
 ; APPLICANT: Stann, K.
 ; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
 ; CURRENT APPLICATION NUMBER: US/08/832,021
 ; CURRENT FILING DATE: 1997-04-02
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO: 28
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: primer
 US-08-832-021-28

Query Match 1.9%; Score 14; DB 3; Length 15;
 Best Local Similarity 100.0%; Pred. No. 3.2e+03;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 460 CTTTTTTTCTCTT 473
 Db 2 CTTTTTTCTCTT 15

RESULT 15
 US-09-531-000-9
 ; Sequence 9; Application US/09531000
 ; GENERAL INFORMATION:
 ; Patent No. 6461810
 ; APPLICANT: FRONSON, Marion D.
 ; APPLICANT: FRISCO, Jacques R.
 ; TITLE OF INVENTION: TRIPLEX IN-SITU HYBRIDIZATION
 ; CURRENT APPLICATION NUMBER: US/09/531,000
 ; CURRENT FILING DATE: 2000-09-08
 ; PRIOR APPLICATION NUMBER: PCT/US98/23765
 ; PRIOR FILING DATE: 1998-11-10
 ; PRIOR APPLICATION NUMBER: 60/064,997
 ; PRIOR FILING DATE: 1997-11-10
 ; NUMBER OF SEQ ID NOS: 77
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO: 9
 ; LENGTH: 16
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Target
 ; OTHER INFORMATION: sequences
 US-09-531-000-9

Query Match 1.9%; Score 14; DB 4; Length 16;
 Best Local Similarity 100.0%; Pred. No. 3.2e+03;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 465 TTTCCTTTCTATT 478
 Db 2 TTTCCTTTCTATT 15

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 Job time : 78.7287 secs

RESULT 14
 US 08-275-951-31
 Sequence 31; Application US/08275951
 ; GENERAL INFORMATION:
 ; APPLICANT: Egholm, Michael
 ; APPLICANT: Kiely, John
 ; APPLICANT: Griffin, Michael
 ; APPLICANT: Coull, James M.
 ; APPLICANT: Neilsen, Peter
 ; APPLICANT: Buchardt, Ole
 ; APPLICANT: Bucholz, Kim L.
 ; APPLICANT: Christensen, Leif
 ; TITLE OF INVENTION: Linked Peptide Nucleic Acids
 ; FILE REFERENCE: ISLS1577

CURRENT FILING DATE: 1994-07-15
 PRIOR APPLICATION NUMBER: 08/108,591
 PRIOR FILING DATE: 1993-11-22
 PRIOR APPLICATION NUMBER: 08/088,658
 PRIOR FILING DATE: 1993-07-02
 PRIOR APPLICATION NUMBER: 08/088,661
 PRIOR APPLICATION NUMBER: PCT/EP92/01219
 PRIOR FILING DATE: 1992-05-22
 PRIOR APPLICATION NUMBER: 988/91
 PRIOR FILING DATE: 1991-05-22
 PRIOR APPLICATION NUMBER: 987/91
 PRIOR FILING DATE: 1991-05-24
 PRIOR APPLICATION NUMBER: 510/92
 PRIOR FILING DATE: 1991-04-15
 NUMBER OF SEQ ID NOS: 65
 SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO: 31
 LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
 ; NAME/KEY: misc_feature

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OM nucleic - nucleic search, using sw model

Run on: September 16, 2004, 20:34:17 ; Search time 454.552 Seconds
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Title: US-09-477-082-2

Perfect score: 753

Sequence: 1 aatttagaccgcgtttttaaccctt 753

Searched: 33207077 seqs, 2523723180 residues

Word size : 0

Total number of hits satisfying chosen Parameters: 1870910

Minimum DB seq length: 0

Maximum DB seq length: 50

Post-processing: Listing first 45 summaries

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Published Applications NA: *

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- 2: /cgzn_6/_ptodata/2/pubna/PCT NEW PUB.seq;*
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- 9: /cgzn_6/_ptodata/2/pubna/US09 PUBCOMB.seq;*
- 10: /cgzn_6/_ptodata/2/pubna/us09_PUBCOMB.seq;*
- 11: /cgzn_6/_ptodata/2/pubna/US09C_PUBCOMB.seq;*
- 12: /cgzn_6/_ptodata/2/pubna/US09 NEW PUB.seq;*
- 13: /cgzn_6/_ptodata/2/pubna/US09 NEW PUB.seq;*
- 14: /cgzn_6/_ptodata/2/pubna/US10_PUBCOMB.seq;*
- 15: /cgzn_6/_ptodata/2/pubna/US10_PUBCOMB.seq;*
- 16: /cgzn_6/_ptodata/2/pubna/US10C_PUBCOMB.seq;*
- 17: /cgzn_6/_ptodata/2/pubna/US10 NEW PUB.seq;*
- 18: /cgzn_6/_ptodata/2/pubna/US60 NEW PUB.seq;*
- 19: /cgzn_6/_ptodata/2/pubna/US60 PUBCOMB.seq;*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB ID	Description
1	19	2.5	41	12	US-10-035-833A-2005	Sequence 2005, AP
2	19	2.5	41	12	US-10-035-833A-1600	Sequence 4600, AP
3	18	2.4	20	13	US-10-282-174-524	Sequence 524, APP
4	17	2.3	32	11	US-09-906-179A-157	Sequence 157, APP
C 5	16	2.1	20	13	US-10-282-174-525	Sequence 525, APP
C 6	16	2.1	27	16	US-10-118-182-164	Sequence 164, APP
C 7	16	2.1	27	17	US-10-416-999A-5	Sequence 5, APP
C 8	16	2.1	39	9	US-09-838-523A-87	Sequence 87, APP
C 9	16	2.1	41	12	US-10-035-833A-596	Sequence 596, APP
C 10	15	2.0	17	15	US-10-338-777-196	Sequence 196, APP
C 11	15	2.0	20	10	US-09-912-724-28	Sequence 528, APP
C 12	15	2.0	27	9	US-09-263-959-524	Sequence 524, APP
C 13	15	2.0	29	9	US-09-843-513-9	Sequence 9, APP
C 14	15	2.0	29	15	US-10-038-718-9	Sequence 9, APP

RESULT 1 US-10-035-833A-2005

; Sequence 2005, Application US/1003583A

; Publication No. US20040072156A1

; GENERAL INFORMATION:

; APPLICANT: Nakamura, Yuho

; INVENTOR: Sekine, Akihiro

; ATTORNEY: Iida, Akitoshi

; APPLICANT: Saito, Osamu

; TITLE OF INVENTION: Detection of Genetic Polymorphisms

; FILE REFERENCE: FORS-06904

; CURRENT APPLICATION NUMBER: US/10/035,833A

; NUMBER OF SEQ ID NOS.: 7669

; SEQ ID NC 2005

; SOFTWARE: PatentIn version 3.2

; LENGTH: 41

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: misc_feature

; LOCATION: (21).(21)

; OTHER INFORMATION: t is present or absent.

US-10-035-833A-2005

Query Match Score 19; DB 12; Length 41;

Query Match 2.5%; Score 19; DB 12; Length 41;

Best Local Similarity 100.0%; Pred. No. 55;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 461 TTTTTTCTTTCTTTCTATT 479

Db 14 TTTCCTTCTTTCTATT 32

RESULT 2 US-10-035-833A-4600

; Sequence 4600, Application US/1003583A

Publication No. US20040072156A1
 GENERAL INFORMATION:
 i APPLICANT: Sekine, Yuho
 i APPLICANT: Sekine, Akibiro
 i APPLICANT: Iida, Aritoshi
 i APPLICANT: Saito, Osama
 i TITLE OF INVENTION: Detection of Genetic Polymorphisms
 i FILE REFERENCE: F0RS-08904
 i CURRENT APPLICATION NUMBER: US/10/035, 833A
 i NUMBER OF SEQ ID NOS: 7669
 i SOFTWARE: PatentIn version 3.2
 i SEQ ID NO: 4600
 i LENGTH: 41
 i ORGANISM: Homo sapiens
 i FEATURE: misc_feature
 i LOCATION (21): .(2)
 i OTHER INFORMATION: t is present or absent.
 iUS-10-035-833A-4600

Query Match 2.4%; Score 18; DB 13; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1.8e+02;
 Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 613 TCCCTCCCTGCCTCTG 630
 Db 3 TCCCTCCCTGCCTCTG 20

RESULT 4
 US-09-906-179A-157
 Sequence 157, Application US/09906179A
 ; Publication No. US20030219737A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Bullard, James M.
 ; APPLICANT: Jarjic, Nebojsa S.
 ; APPLICANT: McHenry, Charles S.
 ; TITLE OF INVENTION: NOVEL DNA POLYMERASE III HOLOENZYME DELTA SUBUNIT
 ; FILE REFERENCE: RDN03
 ; CURRENT APPLICATION NUMBER: US/09/906.179A
 ; CURRENT FILING DATE: 2001-07-16
 ; PRIOR APPLICATION NUMBER: 60/218,246
 ; PRIOR FILING DATE: 2000-07-14
 ; PRIOR APPLICATION NUMBER: 09/818,780
 ; PRIOR FILING DATE: 2001-03-28
 ; PRIOR APPLICATION NUMBER: 60/192,736
 ; PRIOR FILING DATE: 2000-03-28
 ; NUMBER OF SEQ ID NOS: 230
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO: 157
 ; LENGTH: 32
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Primer
 iUS-09-906-179A-157

Query Match 2.3%; Score 17; DB 11; Length 32;
 Best Local Similarity 100.0%; Pred. No. 5.7e+02;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 167 CAGGAACCAAAAT 183
 Db 8 CAGGAACCAAAAT 24

RESULT 5
 US-10-282-174-524
 Sequence 524, Application US/10282174
 ; Publication No. US20030224380A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Becker, Kenneth David
 ; APPLICANT: Velicelobi, Gonul
 ; APPLICANT: Elliot, Kathryn J.
 ; APPLICANT: Wang, Xin
 ; APPLICANT: Bertram, Lars
 ; APPLICANT: Saunders, Aleister J.
 ; APPLICANT: Mullin, Kristina M.
 ; APPLICANT: Sampson, Andrew Johnson
 ; APPLICANT: Blacker, Deborah Lynne
 i TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
 i TITLE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER
 i TITLE OF INVENTION: NEURODEGENERATIVE DISEASES
 FILE REFERENCE: 37481-3308
 CURRENT APPLICATION NUMBER: US/10/282,174
 PRIOR APPLICATION NUMBER: US 60/339,525
 PRIOR FILING DATE: 2001-10-25
 PRIOR APPLICATION NUMBER: US 60/338,010
 PRIOR FILING DATE: 2001-11-08
 PRIOR APPLICATION NUMBER: US 60/336,929
 PRIOR FILING DATE: 2001-11-08
 PRIOR APPLICATION NUMBER: US 60/338,363
 PRIOR FILING DATE: 2001-11-09
 PRIOR APPLICATION NUMBER: US 60/337,052
 PRIOR FILING DATE: 2001-12-04
 PRIOR APPLICATION NUMBER: US 60/368,919
 PRIOR FILING DATE: 2002-03-28
 NUMBER OF SEQ ID NOS: 564
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 524
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 ; OTHER INFORMATION: Primer
 iUS-10-282-174-524

Sequence 525, Application US/10282174
 ; Publication No. US20030224380A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Becker, Kenneth David
 ; APPLICANT: Velicelobi, Gonul
 ; APPLICANT: Elliot, Kathryn J.
 ; APPLICANT: Wang, Xin
 ; APPLICANT: Tanzil, Rudolph E.
 ; APPLICANT: Bertram, Lars
 ; APPLICANT: Saunders, Aleister J.
 ; APPLICANT: Mullin, Kristina M.
 ; APPLICANT: Sampson, Andrew Johnson
 ; APPLICANT: Blacker, Deborah Lynne
 ; TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
 ; TITLE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER
 ; TITLE OF INVENTION: NEURODEGENERATIVE DISEASES
 FILE REFERENCE: 37481-3308
 CURRENT APPLICATION NUMBER: US/10/282,174
 PRIOR APPLICATION NUMBER: US 60/339,525
 PRIOR FILING DATE: 2002-10-05
 PRIOR APPLICATION NUMBER: US 60/339,525
 PRIOR FILING DATE: 2001-10-25
 PRIOR APPLICATION NUMBER: US 60/338,010
 PRIOR FILING DATE: 2001-11-08

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; PRIOR APPLICATION NUMBER: US 60/336,929
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US 60/338,363
; PRIOR FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: US 60/337,052
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 60/368,919
; PRIOR FILING DATE: 2002-03-28
; NUMBER OF SEQ ID NOS: 564
; SOFTWARE: Fast-SEQ for Windows Version 4.0
; SEQ ID NO: 525
; LENGTH: 20
; TYPE: DNA
; FEATURE: Artificial Sequence
; OTHER INFORMATION: Primer
US-10-282-174-525

Query Match 2.1%; Score 16; DB 13; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 613 TCCCTCTGCGCTC 628
Db 16 TCCCTCTGCGCTC 1

RESULT 6
US-10-418-182-164/c
Sequence 164, Application US/10418182
Publication No. US20030328302A1
GENERAL INFORMATION:
APPLICANT: Crea, Roberto
TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
FILE REFERENCE: 1551.2001-001
CURRENT APPLICATION NUMBER: US/10/418-182
CURRENT FILING DATE: 2003-04-16
PRIOR APPLICATION NUMBER: 60/373,558
PRIOR FILING DATE: 2002-04-17
NUMBER OF SEQ ID NOS: 423
; SOFTWARE: Fast-SEQ for Windows Version 4.0
; SEQ ID NO: 164
; LENGTH: 27
; TYPE: DNA
; FEATURE: Artificial Sequence
; OTHER INFORMATION: oligonucleotide
US-10-418-182-164

Query Match 2.1%; Score 16; DB 16; Length 27;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 460 CTTTTCTTCTTTTC 475
Db 18 CTTTTCTTCTTTTC 3

RESULT 7
US-10-416-699A-5/c
Sequence 5, Application US/10416699A
Publication No. US2004013203A1
GENERAL INFORMATION:
APPLICANT: Toyo Kohan Co., Ltd.
TITLE OF INVENTION: SUPPORTS FOR HYBRIDIZATION AND METHOD OF IMMOBILIZING HYBRID
FILE REFERENCE: OKAMURA-5
CURRENT APPLICATION NUMBER: US/10/416-699A
CURRENT FILING DATE: 2003-05-13
PRIOR APPLICATION NUMBER: JP2000/344651
PRIOR FILING DATE: 2000-11-13
PRIOR APPLICATION NUMBER: PCT/JP01/09798
PRIOR FILING DATE: 2001-11-09
NUMBER OF SEQ ID NOS: 5

; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 5
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-416-699A-5

Query Match 2.1%; Score 16; DB 17; Length 27;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 710 ATGAACTTTTTTT 725
Db 16 ATGAACTTTTTTT 1

RESULT 8
US-09-828-523A-87/c
Sequence 87, Application US/09828523A
; Patent No. US20010168697A1
; GENERAL INFORMATION:
APPLICANT: The Pharmacia & Upjohn Company
TITLE OF INVENTION: ANTIMICROBIAL METHODS AND MATERIALS
FILE REFERENCE: 268-62120101
CURRENT APPLICATION NUMBER: US/09/828,523A
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: 60/266,327
; PRIOR FILING DATE: 2000-04-06
NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.1
SEQ ID NO: 87
; LENGTH: 39
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-09-828-523A-87

Query Match 2.1%; Score 16; DB 9; Length 39;
Best Local Similarity 100.0%; Pred. No. 1.8e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 463 TTTCCTTTCTTTAT 478
Db 27 TTTCCTTTCTTTCTAT 12

RESULT 9
US-10-035-833A-5996/c
Sequence 5996, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
TITLE OF INVENTION: Detection of Genetic Polymorphisms
FILE REFERENCE: FOR3-0604
CURRENT APPLICATION NUMBER: US/10/035,833A
CURRENT FILING DATE: 2001-12-27
NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
SEQ ID NO: 5996
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
NAME/KEY: misc_feature
LOCATION: (21)-(21)
; OTHER INFORMATION: a is present or absent.
US-10-035-833A-5996

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RESULT 10

Query Match 2.1%; Score 16; DB 12; Length 41;
 Best Local Similarity 100.0%; Pred. No. 1.8e+03;
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 461 TTTTTTTCTTTCATCA 476
 Db 20 TTTTTTCTTTCATCA 5

RESULT 11

Query Match 2.0%; Score 15; DB 15; Length 17;
 Best Local Similarity 100.0%; Pred. No. 5.8e+03;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 716 TTTCCTTTTGATC 730
 Db 15 TTTCCTTTTGATC 1

RESULT 12

Query Match 2.0%; Score 15; DB 10; Length 20;
 Best Local Similarity 100.0%; Pred. No. 5.8e+03;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 273 GGCCAGGAGCTCCCTG 287
 Db 15 GGCCAGGAGCTCCCTG 1

; Patent No. US20020150891A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Hood, Leroy E.
 ; ADDRESS: Rowan, Lee
 ; APPLICANT: Koop, Ben F.
 ; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTILIZE
 ; NUMBER OF SEQUENCES: 1279
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Seed and Berry LLP
 ; STREET: 6300 Columbia Center, 701 Fifth Avenue
 ; CITY: Seattle
 ; STATE: Washington
 ; COUNTRY: US
 ; ZIP: 98104-7092
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/263,959
 ; FILING DATE: 05-MAR-1999
 ; CLASSIFICATION:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: McNamee, David D.
 ; REGISTRATION NUMBER: 33.3.963
 ; REFERENCE/DOCKET NUMBER: 920010.426C2
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (206) 622-4900
 ; TELEFAX: (206) 682-6031
 ; INFORMATION FOR SEQ ID NO: 524:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 27 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-09-263-959-524

Query Match 2.0%; Score 15; DB 9; Length 27;
 Best Local Similarity 100.0%; Pred. No. 5.8e+03;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 461 TTTCCTTTTGATC 475
 Db 25 TTTCCTTTTGATC 11

RESULT 13

Query Match 2.0%; Score 15; DB 9; Length 28;
 Best Local Similarity 100.0%; Pred. No. 5.8e+03;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 461 TTTCCTTTTGATC 475
 Db 25 TTTCCTTTTGATC 11

RESULT 14

Query Match 2.0%; Score 15; DB 9; Length 28;
 Best Local Similarity 100.0%; Pred. No. 5.8e+03;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 461 TTTCCTTTTGATC 475
 Db 25 TTTCCTTTTGATC 11

RESULT 15

Query Match 2.0%; Score 15; DB 10; Length 20;
 Best Local Similarity 100.0%; Pred. No. 5.8e+03;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 273 GGCCAGGAGCTCCCTG 287
 Db 15 GGCCAGGAGCTCCCTG 1

RESULT 16

Query Match 2.0%; Score 15; DB 10; Length 20;
 Best Local Similarity 100.0%; Pred. No. 5.8e+03;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 273 GGCCAGGAGCTCCCTG 287
 Db 15 GGCCAGGAGCTCCCTG 1

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/754,681
FILING DATE: <Unknown>
APPLICATION NUMBER: 60/016,677
ATTORNEY/AGENT INFORMATION:
NAME: Pabst, Patrea L.
REGISTRATION NUMBER: 31,284
REFERENCE/DOCKET NUMBER: YU115CIP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (404)873-8734
TELEFAX: (404)873-8795
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-10-033-718-9

Query Match Score 15%; DB 9%; Length 29;
Best Local Similarity 100.0%; Pred. No. 5.8e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 716 TTTTTTTTTGATC 730
Db 6 TTTTTTTTTGATC 20

RESULT 15
US-10-413-041-9
Sequence 9, Application US/10413041
Publication No. US2003023849A1
GENERAL INFORMATION:
APPLICANT: Lizardi, Paul M. and Caplan, Michael
TITLE OF INVENTION: Unimolecular Segment Amplification
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: Patrea L. Pabst
STREET: 2800 One Atlantic Center
CITY: Atlanta
STATE: Georgia
COUNTRY: USA
ZIP: 30306-3450
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/413,041
FILING DATE: 14-Apr-2003
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/754,681
FILING DATE: NO. US2003023849A1ember 21, 1996
APPLICATION NUMBER: 08/563,912
FILING DATE: NO. US2003023849A1ember 21, 1995
APPLICATION NUMBER: 60/016,677
FILING DATE: May 1, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Pabst, Patrea L.
REGISTRATION NUMBER: 31,284
TELECOMMUNICATION INFORMATION:
TELEPHONE: (404)873-8794
TELEFAX: (404)873-8795
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-10-413-041-9

Query Match Score 15%; DB 16%; Length 29;
Best Local Similarity 100.0%; Pred. No. 5.8e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 716 TTTTTTTTTGATC 730

Mon Sep 20 11:28:08 2004

us-09-477-082-2.oliszlm50.rnpb

Page 6

Db
6 TTTTTTTTGATC 20
||||||| ||||| |||||

Search completed: September 16, 2004, 23:10:18
Job time : 456.552 secs

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OM nucleic - nucleic search, using sw model

Run on: September 16, 2004, 12:06:21 ; Search time 37.515 Seconds

(without alignments)
310,678 Million cell updates/sec

Title: US-09-477-082-29

Perfect score: 21

Sequence: 1 tagggattcgaggattgcga 21

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters:

1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0 %

Listing First 45 summaries

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 2: /cgm2_6/ptodata/2/ins/5B_COMB.seq:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB	ID	Description	
1	17.8	84.8	2887	4	US-09-993-503-14	Sequence 14, Appl	Sequence 14, Appl	
2	17.8	84.8	2887	4	US-09-5-16-74-14	Sequence 14, Appl	Sequence 14, Appl	
3	15.4	84.8	2887	4	PCF-US96-10521-14	Sequence 14, Appl	Sequence 14, Appl	
4	15.4	73.3	1471	4	US-09-620-312D-446	Sequence 446, Appl	Sequence 446, Appl	
C	15.4	73.3	11272	4	US-09-341-461-1	Sequence 1, Appl	Sequence 1, Appl	
6	15.2	72.4	872	4	US-09-016-434-6	Sequence 6, Appl	Sequence 6, Appl	
c	7	15.2	72.4	5849	3	US-09-134-246-6	Sequence 6, Appl	Sequence 6, Appl
8	15.2	72.4	42571	4	US-09-810-347-3	Sequence 3, Appl	Sequence 3, Appl	
9	15.2	72.4	168575	4	US-09-126-266-1	Sequence 1, Appl	Sequence 1, Appl	
10	15.2	72.4	440765	3	US-09-103-040A-2	Sequence 2, Appl	Sequence 2, Appl	
11	15.2	72.4	4411529	3	US-09-103-840A-1	Sequence 1, Appl	Sequence 1, Appl	
12	14.8	70.5	152	4	US-09-976-12793	Sequence 12793, A	Sequence 12793, A	
13	14.8	70.5	155	4	US-09-021-976-12743	Sequence 323, Appl	Sequence 323, Appl	
14	14.8	70.5	987	4	US-09-543-681A-323	Sequence 1, Appl	Sequence 1, Appl	
15	14.6	69.5	419	4	US-09-000-266-1	Sequence 3, Appl	Sequence 3, Appl	
C	16	14.6	69.5	419	4	US-09-000-266-3	Sequence 1, Appl	Sequence 1, Appl
C	18	14.6	69.5	419	4	US-09-628-099-1	Sequence 3, Appl	Sequence 3, Appl
C	19	14.6	69.5	419	4	US-09-628-099-3	Sequence 1, Appl	Sequence 1, Appl
C	20	14.6	69.5	419	4	US-10-056-360-1	Sequence 3, Appl	Sequence 3, Appl
C	21	14.6	69.5	419	4	US-10-056-360-3	Sequence 1, Appl	Sequence 1, Appl
C	22	14.6	69.5	419	4	US-10-056-359-1	Sequence 3, Appl	Sequence 3, Appl
C	23	14.6	69.5	885	4	US-09-107-512A-593	Sequence 593, Appl	Sequence 593, Appl
C	24	14.6	69.5	1602	4	US-09-107-532A-885	Sequence 885, Appl	Sequence 885, Appl
C	26	14.6	69.5	3363	4	US-09-889-463A-35	Sequence 862, Appl	Sequence 862, Appl
C	27	14.4	2596	4	US-09-808-701A-7	Sequence 7, Appl	Sequence 7, Appl	

ALIGNMENTS

RESULT 1
US-09-983-502-14

; Sequence 14, Application US/08983502
 ; Patent No. 639337
 ; GENERAL INFORMATION:
 ; APPLICANT: David WALLACH
 ; APPLICANT: Mark P. BOLDIN
 ; APPLICANT: Tanya M. GONCHAROV
 ; APPLICANT: Yury V. GOLOSEV
 ; TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS
 ; TITLE OF INVENTION: AND OTHER PROTEINS
 ; NUMBER OF SEQUENCES: 34
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Browdy and Neimark
 ; STREET: 419 Seventh Street N.W., Ste. 300
 ; CITY: Washington
 ; STATE: D.C.
 ; COUNTRY: USA
 ; ZIP: 20004
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.30.
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/983,502
 ; FILING DATE: 16-JAN-1998
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/US96/10521
 ; FILING DATE: 14-JUN-1996
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: IL 114,615
 ; FILING DATE: 14-SEP-1995
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: IL 116,588
 ; FILING DATE: 27-DEC-1995
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: IL 115,319
 ; FILING DATE: 16-APR-1995
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Browdy, Roger L.
 ; REGISTRATION NUMBER: 25,618
 ; REFERENCE/DOCKET NUMBER: WALLACH-19
 ; TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 628-5197
 TELEFAX: (202) 737-3528
 INFORMATION FOR SEQ ID NO: 14:
 LENGTH: 287 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 US-08-983-502-14

Query Match Best Local Similarity 90.5%; Score 17.8; DB 4; Length 2887;
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 2
 US-09-516-747-14
 Sequence 14, Application US/09516747
 GENERAL INFORMATION:
 APPLICANT: David WALLACH
 Mark P. BOLDIN
 Tanya M. GONCHAROV
 Yury V. GOLTSVEV

TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS AND OTHER PROTEINS

NUMBER OF SEQUENCES: 34
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Browdy and Neimark
 STREET: 419 Seventh Street N.W., Ste. 300
 CITY: Washington
 STATE: D.C.
 ZIP: 20004

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/516,747
 FILING DATE: 01-MAR-2000
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: <Unknown>
 FILING DATE: 16-JUL-1995
 APPLICATION NUMBER: IL 114,615
 FILING DATE: 16-AUG-1995
 APPLICATION NUMBER: IL 114,936
 FILING DATE: 17-AUG-1995
 APPLICATION NUMBER: IL 115,319
 FILING DATE: 14-SEP-1995
 APPLICATION NUMBER: IL 116,588
 FILING DATE: 27-DEC-1995
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: IL 117,932
 FILING DATE: 16-APR-1996
 INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2887 base pairs
 TYPE: nucleic acid
 MOLECULE TYPE: cDNA
 PCT-US96-10521-14

Query Match Best Local Similarity 90.5%; Score 17.8; DB 5; Length 2887;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

RESULT 3
 PCT-US96-10521-14
 Sequence 14, Application PC/TUS9610521
 GENERAL INFORMATION:
 APPLICANT:
 TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS
 NUMBER OF SEQUENCES: 34
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US96/10521
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: IL 114,615
 FILING DATE: 16-JUL-1995
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: IL 114,986
 FILING DATE: 17-AUG-1995
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: IL 115,319
 FILING DATE: 14-SEP-1995
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: IL 116,588
 FILING DATE: 27-DEC-1995
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: IL 117,932
 FILING DATE: 16-APR-1996
 INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2887 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 PCT-US96-10521-14

Query Match Best Local Similarity 90.5%; Score 17.8; DB 5; Length 2887;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

RESULT 4
 US-09-620-312D-446
 Sequence 446, Application US/09620312D
 Patent No. 6569612
 GENERAL INFORMATION:
 APPLICANT: Tang, Y. Tom
 APPLICANT: Liu, Chenghua
 APPLICANT: Asundi, Vinod
 APPLICANT: Zhang, Jie
 APPLICANT: Ren, Peiyan

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 628-5197
 TELEFAX: (202) 737-5228
 INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2887 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

RESULT 6
US-09-016-434-6
Sequence 6, Application US/09016434
; Patent No. 6500338
; GENERAL INFORMATION:
; APPLICANT: Janice Au-Young
; Jeffrey J. Seihamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
; TITLE OF INVENTION: PATHWAY GENE EXPRESSION
; NUMBER OF SEQUENCES: 1490
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/016,434
; FILING DATE: HEREWITH
; CLASSIFICATION:
; PRIORITY APPLICATION DATA:
; PRIOR APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0002 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-1666
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 872 base pairs
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: THPLBL01
; CLONE: 011615
; US-09-016-434-6

Query Match 73.3%; Score 15.4; DB 4; Length 1471;
Best Local Similarity 94.1%; Pred. No. 90;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3 GGGGATTGGAGATTGC 19
Db 669 GGGGATTGGAGATTGC 685

RESULT 5
US-09-341-461-1/c
Sequence 1, Application US/09341461
; Patent No. 6586389
; GENERAL INFORMATION:
; APPLICANT: Hammond, Timothy G.
; APPLICANT: Verroust, Pierre J.
; TITLE OF INVENTION: Cubilin Protein, DNA Sequences Encoding Cubilin
; TITLE OF INVENTION: and Uses Thereof
; FILE REFERENCE: D61148
; CURRENT APPLICATION NUMBER: US/09/341,461
; CURRENT FILING DATE: 2000-07-20
; PRIOR APPLICATION NUMBER: PCT/US99/01259
; NUMBER OF SEQ ID NOS: 40
; SEQ ID NO: 1
; LENGTH: 11272
; TYPE: DNA
; ORGANISM: rat
; FEATURE: OTHER INFORMATION: nucleic acid sequence of rat cubilin
; US-09-341-461-1

Query Match 73.3%; Score 15.4; DB 4; Length 11272;
Best Local Similarity 94.1%; Pred. No. 1.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3 GGGGATTGGAGATTGC 19
Db 8562 GGGGATTGGAAATTGC 8546

RESULT 7
US-09-134-246-6/c
Sequence 6, Application US/09134246B
; Patent No. 6207377
; GENERAL INFORMATION:
; APPLICANT: Wayne, Jay
; TITLE OF INVENTION: Method For Construction Of Thermus-E. coli Shuttle
; Plasmid
; TITLE OF INVENTION: Vectors And Identification of Two Thermus Plasmid
; FILE REFERENCE: Thermus Shuttle Vector
; CURRENT APPLICATION NUMBER: US/09/134,246B
; CURRENT FILING DATE: 1998-08-14
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 6

RESULT 12
 US-09-621-976-12793 Application US/09621976
 ; GENERAL INFORMATION:
 ; Patents No. 6639063
 ; APPLICANT: Dumas Milne Edwards, J.B.
 ; APPLICANT: Jobert, S.
 ; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
 ; FILE REFERENCE: GENSET 054P22
 ; CURRENT APPLICATION NUMBER: US/09/621,976
 ; CURRENT FILING DATE: 2000-07-21
 ; NUMBER OF SEQ ID NOS: 19335
 ; SOFTWARE: Patent.pm
 ; SEQ ID NO: 12793
 ; LENGTH: 152
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-621-976-12793

Query Match 1 TAGGGGATTGGAGATTCGG 20
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 152;
 Matches 16; Conservative 0; Gaps 0; Indels 0; Mismatches 2;
 SEQ ID NO 1
 ; PRED. NO. 1.4e+02; PRED. NO. 1.7e+02;
 ; PRED. NO. 2e+02; PRED. NO. 1.7e+02;
 ; PRED. NO. 2e+02; PRED. NO. 1.7e+02;

Query Match 2 TAGGGGATTGGAGATTCGG 18
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 987;
 Matches 16; Conservative 0; Gaps 0; Indels 0; Mismatches 2;
 SEQ ID NO 2
 ; PRED. NO. 1.7e+02; PRED. NO. 1.7e+02;
 ; PRED. NO. 1.7e+02; PRED. NO. 1.7e+02;

Query Match 3 TAGGGGATTGGAGATTCGG 18
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 987;
 Matches 16; Conservative 0; Gaps 0; Indels 0; Mismatches 2;
 SEQ ID NO 3
 ; PRED. NO. 1.7e+02; PRED. NO. 1.7e+02;
 ; PRED. NO. 1.7e+02; PRED. NO. 1.7e+02;

Query Match 4 GGAGATCCGGAGATTCGGA 21
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 152;
 Matches 16; Conservative 0; Gaps 0; Indels 0; Mismatches 2;
 SEQ ID NO 4
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;

Query Match 5 GGAGGGCGGAGATTCGCA 79
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 152;
 Matches 16; Conservative 0; Gaps 0; Indels 0; Mismatches 2;
 SEQ ID NO 5
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;

Query Match 6 GGAGATCCGGAGATTCGGA 21
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 155;
 Matches 16; Conservative 0; Gaps 0; Indels 0; Mismatches 2;
 SEQ ID NO 6
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;

Query Match 7 GGAGATCCGGAGATTCGGA 21
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 155;
 Matches 16; Conservative 0; Gaps 0; Indels 0; Mismatches 2;
 SEQ ID NO 7
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;

Query Match 8 GGAGATCCGGAGATTCGGA 21
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 155;
 Matches 16; Conservative 0; Gaps 0; Indels 0; Mismatches 2;
 SEQ ID NO 8
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;

Query Match 9 GGAGATCCGGAGATTCGGA 21
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 155;
 Matches 16; Conservative 0; Gaps 0; Indels 0; Mismatches 2;
 SEQ ID NO 9
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;

Query Match 10 GGAGATCCGGAGATTCGGA 21
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 155;
 Matches 16; Conservative 0; Gaps 0; Indels 0; Mismatches 2;
 SEQ ID NO 10
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;

Query Match 11 GGAGATCCGGAGATTCGGA 21
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 155;
 Matches 16; Conservative 0; Gaps 0; Indels 0; Mismatches 2;
 SEQ ID NO 11
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;

Query Match 12 GGAGATCCGGAGATTCGGA 21
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 155;
 Matches 16; Conservative 0; Gaps 0; Indels 0; Mismatches 2;
 SEQ ID NO 12
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;

Query Match 13 GGAGATCCGGAGATTCGGA 21
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 155;
 Matches 16; Conservative 0; Gaps 0; Indels 0; Mismatches 2;
 SEQ ID NO 13
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;

Query Match 14 GGAGATCCGGAGATTCGGA 21
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 155;
 Matches 16; Conservative 0; Gaps 0; Indels 0; Mismatches 2;
 SEQ ID NO 14
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;

Query Match 15 GGAGATCCGGAGATTCGGA 21
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 155;
 Matches 16; Conservative 0; Gaps 0; Indels 0; Mismatches 2;
 SEQ ID NO 15
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;

Query Match 16 GGAGATCCGGAGATTCGGA 21
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 155;
 Matches 16; Conservative 0; Gaps 0; Indels 0; Mismatches 2;
 SEQ ID NO 16
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;

Query Match 17 GGAGATCCGGAGATTCGGA 21
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 155;
 Matches 16; Conservative 0; Gaps 0; Indels 0; Mismatches 2;
 SEQ ID NO 17
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;

Query Match 18 GGAGATCCGGAGATTCGGA 21
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 155;
 Matches 16; Conservative 0; Gaps 0; Indels 0; Mismatches 2;
 SEQ ID NO 18
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;

Query Match 19 GGAGATCCGGAGATTCGGA 21
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 155;
 Matches 16; Conservative 0; Gaps 0; Indels 0; Mismatches 2;
 SEQ ID NO 19
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;

Query Match 20 GGAGATCCGGAGATTCGGA 21
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 155;
 Matches 16; Conservative 0; Gaps 0; Indels 0; Mismatches 2;
 SEQ ID NO 20
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;

Query Match 21 GGAGATCCGGAGATTCGGA 21
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 155;
 Matches 16; Conservative 0; Gaps 0; Indels 0; Mismatches 2;
 SEQ ID NO 21
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;

Query Match 22 GGAGATCCGGAGATTCGGA 21
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 155;
 Matches 16; Conservative 0; Gaps 0; Indels 0; Mismatches 2;
 SEQ ID NO 22
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;

Query Match 23 GGAGATCCGGAGATTCGGA 21
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 155;
 Matches 16; Conservative 0; Gaps 0; Indels 0; Mismatches 2;
 SEQ ID NO 23
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;

Query Match 24 GGAGATCCGGAGATTCGGA 21
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 155;
 Matches 16; Conservative 0; Gaps 0; Indels 0; Mismatches 2;
 SEQ ID NO 24
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;

Query Match 25 GGAGATCCGGAGATTCGGA 21
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 155;
 Matches 16; Conservative 0; Gaps 0; Indels 0; Mismatches 2;
 SEQ ID NO 25
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;

Query Match 26 GGAGATCCGGAGATTCGGA 21
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 155;
 Matches 16; Conservative 0; Gaps 0; Indels 0; Mismatches 2;
 SEQ ID NO 26
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;

Query Match 27 GGAGATCCGGAGATTCGGA 21
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 155;
 Matches 16; Conservative 0; Gaps 0; Indels 0; Mismatches 2;
 SEQ ID NO 27
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;

Query Match 28 GGAGATCCGGAGATTCGGA 21
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 155;
 Matches 16; Conservative 0; Gaps 0; Indels 0; Mismatches 2;
 SEQ ID NO 28
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;

Query Match 29 GGAGATCCGGAGATTCGGA 21
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 155;
 Matches 16; Conservative 0; Gaps 0; Indels 0; Mismatches 2;
 SEQ ID NO 29
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;
 ; PRED. NO. 1.4e+02; PRED. NO. 1.4e+02;

Query Match 30 TATAGGATTCGGACCTTGCGAA 50
 Best Local Similarity 88.9%; Score 14.8%; DB 4; Length 419;
 Matches 17; Conservative 0; Gaps 0; Indels 0; Mismatches 4;
 SEQ ID NO 30
 ; PRED. NO. 2e+02; PRED. NO. 2e+02;
 ; PRED. NO. 2e+02; PRED. NO. 2e+02;

Search completed: September 16, 2004, 16:26:39
 Job time : 55.5115 secs

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OM nucleic - nucleic search, using sw model

Run on: September 16, 2004, 15:53:12 ; Search time 187,076 Seconds

(without alignments)

566,594 Million cell updates/sec

Title: US-09-477-082-29
 Perfect score: 21
 Sequence: 1 tagggattcgaggatcgca 21

Scoring table: IDENTITY_NUC
 GapOP 10_0 , Gapext 1.0
 Searched: 332707 seqs, 2523723180 residues

Total number of hits satisfying chosen parameters: 6654154

Minimum DB seq length: 0
 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%

Listing First 45 summaries

Database : Published Applications NA:
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 13: /cgn2_6/_ptodata/2/pubna/_pctna/_pubna/_us09_new_pub.seq;*
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 15: /cgn2_6/_ptodata/2/pubna/_pctna/_pubna/_us10c_pubcomb.seq;*
 16: /cgn2_6/_ptodata/2/pubna/_pctna/_pubna/_us10c_new_pub.seq;*
 17: /cgn2_6/_ptodata/2/pubna/_pctna/_pubna/_us10c_new_pub.seq;*
 18: /cgn2_6/_ptodata/2/pubna/_pctna/_pubna/_us60_new_pub.seq;*
 19: /cgn2_6/_ptodata/2/pubna/_pctna/_pubna/_us60_pubcomb.seq;*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description	
1	17.8	94.8	60	US-09-908-975-31650	Sequence 31650, A	
2	17.3	84.8	2887	16	Sequence 14, Appl	
3	17.4	82.9	8951	15	Sequence 767, App	
4	16.8	80.0	5518	15	Sequence 190, App	
5	16.8	80.0	5518	15	Sequence 18, Appl	
6	16.2	77.1	404	17	Sequence 2172, A	
C	7	16.2	77.1	1195	17	Sequence 12513, A
8	15.8	75.2	1116	13	Sequence 27470, A	
9	15.8	75.2	1116	16	Sequence 27470, A	
C	10	15.8	75.2	493	16	Sequence 340, App
C	11	15.8	75.2	495	9	Sequence 7, Appl
C	12	15.8	75.2	1362	9	Sequence 873-880-7
C	13	15.8	75.2	1519	13	US-10-454-599-125852
14	15.8	75.2	5546	15	Sequence 364, App	

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description	
1	17.8	94.8	60	US-09-908-975-31650	Sequence 31650, A	
2	17.3	84.8	2887	16	Sequence 14, Appl	
3	17.4	82.9	8951	15	Sequence 767, App	
4	16.8	80.0	5518	15	Sequence 190, App	
5	16.8	80.0	5518	15	Sequence 18, Appl	
6	16.2	77.1	404	17	Sequence 2172, A	
C	7	16.2	77.1	1195	17	
8	15.8	75.2	1116	13	Sequence 27470, A	
9	15.8	75.2	1116	16	Sequence 27470, A	
C	10	15.8	75.2	493	16	Sequence 340, App
C	11	15.8	75.2	495	9	Sequence 7, Appl
C	12	15.8	75.2	1362	9	Sequence 873-880-7
C	13	15.8	75.2	1519	13	US-10-454-599-125852
14	15.8	75.2	5546	15	Sequence 364, App	

RESULT 2

Sequence 92, Appl
 Sequence 1751, App
 Sequence 6, Appl
 Sequence 877, App
 Sequence 886, App
 Sequence 1, Appl
 Sequence 91019, A
 Sequence 130722, A
 Sequence 41243, A
 Sequence 446, App
 Sequence 70370, A
 Sequence 55, Appl
 Sequence 6, Appl
 Sequence 1, Appl
 Sequence 1984, Ap
 Sequence 1, Appl
 Sequence 214, App
 Sequence 991, App
 Sequence 1, Appl
 Sequence 2, Appl
 Sequence 1232, Ap
 Sequence 775, App
 Sequence 820, App
 Sequence 192, App
 Sequence 3533, Ap
 Sequence 9491, Ap
 Sequence 30065, A
 Sequence 187638,
 Sequence 250518

ALIGNMENTS

RESULT 1

US-09-908-975-31650
 ; Sequence 31650, Application US/09908975
 ; Publication No. US20030165843A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SHOSHAN, Avi
 ; APPLICANT: WASSERMAN, Alon
 ; APPLICANT: MINIZI, Eli
 ; APPLICANT: MINIZI, Liat
 ; APPLICANT: FAIGLER, Simchon
 ; TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTOME
 ; FILE REFERENCE: 36688-0005
 ; CURRENT APPLICATION NUMBER: US/09/908, 975
 ; PRIORITY FILING DATE: 2003-07-20
 ; PRIORITY APPLICATION NUMBER: US 60/287,724
 ; PRIORITY FILING DATE: 2001-05-02
 ; PRIORITY APPLICATION NUMBER: US 60/221,607
 ; NUMBER OF SEQ ID NOS: 32-37
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 31650
 ; SEQ ID NO 31650
 ; LENGTH: 60
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-908-975-31650
 Query Match 84.8%; Score 17.8%; DB 10%; Length 60;
 Best Local Similarity 90.5%; Pred. No. 38; Mismatches 0; Gaps 0;
 Matches 19; Conservative 0; Mi mismatches 2;

Qy 1 TAGGGATTGGAGATTGCGCA 21
 Db 19 TAGGGGACTGGAGCTGGCGCA 39

US-10-368-438-14
 ; Sequence 14, Application US/10368438
 ; Publication No. US20030219411A1
 ; GENERAL INFORMATION:
 ; APPLICANT: David WALLACH
 ; Tatyana M. GONCHAROV
 ; Yury V. GOLTSDEV
 ; TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS
 ; NUMBER OF SEQUENCES: 34
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Browdy and Neimark
 ; STREET: 419 Seventh Street N.W., Ste. 300
 ; CITY: Washington
 ; STATE: D. C.
 ; COUNTRY: USA
 ; ZIP: 20004
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC Compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/10/3688,438
 ; FILING DATE: 20-Feb-2003
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/983,502
 ; FILING DATE: 16-JAN-1998
 ; APPLICATION NUMBER: PCT/US96/10521
 ; FILING DATE: 14-JUN-1996
 ; APPLICATION NUMBER: IL 114,615
 ; FILING DATE: 16-JUL-1995
 ; APPLICATION NUMBER: IL 114,986
 ; APPLICATION NUMBER: IL 115,319
 ; FILING DATE: 14-SEP-1995
 ; APPLICATION NUMBER: IL 116,588
 ; FILING DATE: 27-DEC-1995
 ; APPLICATION NUMBER: IL 117,932
 ; FILING DATE: 16-APR-1996
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Browdy, Roger L.
 ; REGISTRATION NUMBER: 25,618
 ; REFERENCE DOCKET NUMBER: WALLACH=19
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (202) 628-5197
 ; TELEFAX: (202) 737-3528
 ; INFORMATION FOR SEQ ID NO: 14:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 2887 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: cDNA
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 14:
 ; US-10-368-438-14

Query Match 84.8%; Score 17.8; DB 16; Length 2887;
 Best Local Similarity 90.5%; Pred. No. 44;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 TAGGGGATTGGAGATTCGGA 21
 Db 221 TAGGGGACTGGAGACTGGGA 241

RESULT 3
 US-10-311-455-767
 ; Sequence 767, Application US/10311155
 ; Publication No. US20030143606A1
 ; GENERAL INFORMATION:
 ; APPLICANT: OLEK, Alexander

APPLICANT: PIEPENBROCK, Christian
 ; APPLICANT: BERLIN, Kurt
 ; TITLE OF INVENTION: Diagnosis of Diseases Associated with the Immune System by Determination of cytosine methylation
 ; FILE REFERENCE: 5013_1014
 ; CURRENT APPLICATION NUMBER: US/10/311,455
 ; CURRENT FILING DATE: 2002-12-16
 ; PRIOR APPLICATION NUMBER: PCT/EP01/07537
 ; PRIOR FILING DATE: 2001-07-02
 ; PRIOR APPLICATION NUMBER: DE 10032529.7
 ; PRIOR FILING DATE: 2000-06-30
 ; SEQ ID NO: 767
 ; LENGTH: 8951
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
 ; US-10-311-455-767

Query Match 82.9%; Score 17.4; DB 15; Length 8951;
 Best Local Similarity 94.7%; Pred. No. 74;
 Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3 GGGGATTCGGAGATTCGGA 21
 Db 5581 GGGTTTCGGAGATTCGGA 5599

RESULT 4
 US-10-311-455-190
 ; Sequence 190, Application US/103111455
 ; Publication No. US20030143606A1
 ; GENERAL INFORMATION:
 ; APPLICANT: OLEK, Alexander
 ; APPLICANT: PIEPENBROCK, Christian
 ; APPLICANT: BERLIN, Kurt
 ; TITLE OF INVENTION: Diagnosis of Diseases Associated with the Immune System by Determination of cytosine methylation
 ; FILE REFERENCE: 5013_1014
 ; CURRENT APPLICATION NUMBER: US/10/311,455
 ; CURRENT FILING DATE: 2002-12-16
 ; PRIOR APPLICATION NUMBER: PCT/EP01/07537
 ; PRIOR FILING DATE: 2001-07-02
 ; PRIOR APPLICATION NUMBER: DE 10032529.7
 ; PRIOR FILING DATE: 2000-06-30
 ; SEQ ID NO: 190
 ; LENGTH: 5518
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
 ; US-10-311-455-190

Query Match 80.0%; Score 16.8; DB 15; Length 5518;
 Best Local Similarity 90.0%; Pred. No. 1,4e+02;
 Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 TAGGGGATTGGAGATTCGGA 20
 Db 46 TAGGGGATTAGGAGATTCG 65

RESULT 5
 US-10-240-452-18
 ; Sequence 18, Application US/10240452
 ; Publication No. US20030162194A1
 ; GENERAL INFORMATION:
 ; APPLICANT: OLEK, Alexander

PRIOR APPLICATION NUMBER: US 60/275, 017
 PRIOR FILING DATE: 2001-03-12
 PRIOR APPLICATION NUMBER: US 60/271, 955
 PRIOR FILING DATE: 2001-02-28
 NUMBER OF SEQ ID NOS: 58994
 SEQ ID NO: PatentIn version 3.2
 LENGTH: 116
 TYPE: DNA
 ORGANISM: Human
 US-10-242 535A-27470

Query Match 75.2%; Score 15.8; DB 16; Length 116;
 Best Local Similarity 89.5%; Pred. No. 3.9e+02;
 Matches 17; Conservative 0; Mismatches 2;
 Indels 0; Gaps 0;

Qy 2 AGGGATTCGGAGATTGCC 20
 Db 40 AGGGAGCCGGAGATTGCC 58

RESULT 10
 US-10-062-674-340/C
 Sequence 340, Application US/10062674
 Publication No. US2004000559A1
 GENERAL INFORMATION:
 APPLICANT: Loring, Jeanne F.; Kaser, Matthew R.
 TITLE OF INVENTION: MARKERS OF NEURONAL DIFFERENTIATION AND MORPHOGENESIS
 FILE REFERENCE: PA-0026-1.CIP
 CURRENT APPLICATION NUMBER: US/10/062 674
 CURRENT FILING DATE: 2002-01-30
 PRIOR APPLICATION NUMBER: US 09/625,102
 PRIOR FILING DATE: 2000-07-24
 NUMBER OF SEQ ID NOS: 2217
 SOFTWARE: PERL-Program
 SEQ ID NO: 340
 LENGTH: 493
 TYPE: DNA
 ORGANISM: Mus musculus
 FEATURE:
 OTHER INFORMATION: GenBank ID NO. US2004000559A1 91909378
 US-10-062-674-340

Query Match 75.2%; Score 15.8; DB 16; Length 493;
 Best Local Similarity 89.5%; Pred. No. 4.1e+02;
 Matches 17; Conservative 0; Mismatches 2;
 Indels 0; Gaps 0;

Qy 1 TAGGGATTCGGAGATTGCC 19
 Db 432 TAGGGATTCGGAGATTGCC 414

RESULT 11
 US-09-873-881-7/C
 Sequence 7, Application US/09873880
 Patent No. US200201218A1
 GENERAL INFORMATION:
 APPLICANT: Sewart, Vincent
 APPLICANT: Falco, S. Carl
 APPLICANT: Alien, Stephen M.
 TITLE OF INVENTION: GLYCINE METABOLISM ENZYMES
 FILE REFERENCE: BB1192 US CIP
 CURRENT APPLICATION NUMBER: US/09/873 880
 CURRENT FILING DATE: 2001-06-04
 PRIOR APPLICATION NUMBER: 09/363,321
 PRIOR FILING DATE: July 28, 1998
 NUMBER OF SEQ ID NOS: 42
 SEQ ID NO: 29
 LENGTH: 1362
 TYPE: DNA
 ORGANISM: Glycine max
 US-09-873-880-29

Query Match 75.2%; Score 15.8; DB 9; Length 1362;
 Best Local Similarity 89.5%; Pred. No. 4.3e+02;
 Matches 17; Conservative 0; Mismatches 2;
 Indels 0; Gaps 0;

Qy 2 AGGGATTCGGAGATTGCC 20
 Db 360 AGGGATTCGGAGATTGCC 342

RESULT 12
 US-09-873-880-29/C
 Sequence 29, Application US/09873880
 Patent No. US20020123118A1
 GENERAL INFORMATION:
 APPLICANT: Sewart, Vincent
 APPLICANT: Falco, S. Carl
 APPLICANT: Alien, Stephen M.
 TITLE OF INVENTION: GLYCINE METABOLISM ENZYMES
 FILE REFERENCE: BB1192 US CIP
 CURRENT APPLICATION NUMBER: US/09/873 880
 CURRENT FILING DATE: 2001-06-04
 PRIOR APPLICATION NUMBER: 09/363,321
 PRIOR FILING DATE: July 28, 1998
 PRIOR APPLICATION NUMBER: 09/094,839
 NUMBER OF SEQ ID NOS: 42
 SOFTWARE: Microsoft Office 97
 SEQ ID NO: 29
 LENGTH: 1362
 TYPE: DNA
 ORGANISM: Glycine max
 US-09-873-880-29

Query Match 75.2%; Score 15.8; DB 9; Length 1362;
 Best Local Similarity 89.5%; Pred. No. 4.3e+02;
 Matches 17; Conservative 0; Mismatches 2;
 Indels 0; Gaps 0;

Qy 2 AGGGATTCGGAGATTGCC 20
 Db 360 AGGGATTCGGAGATTGCC 342

RESULT 13
 US-10-42-599-125552/C
 Sequence 125552, Application US/10424599
 Publication No. US20040031072A1
 GENERAL INFORMATION:
 APPLICANT: La Rosa, Thomas J.
 APPLICANT: Kovacic, David K.
 APPLICANT: Zhou, Yiliua
 APPLICANT: Cao, Yongwei
 TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
 FILE REFERENCE: 38-21 (5/223.B
 CURRENT APPLICATION NUMBER: US/10/424,599
 CURRENT FILING DATE: 2003-04-28
 NUMBER OF SEQ ID NOS: 285684
 SEQ ID NO: 125552
 LENGTH: 1519
 TYPE: DNA
 ORGANISM: Glycine max
 FEATURE:

OTHER INFORMATION: Clone ID: PAT_MRT3847_84653C.1
 US-10-424-599-125852

Query Match 75.2%; Score 15.8; DB 13; Length 1519;
 Best Local Similarity 89.5%; Pred. No. 4.3e+02;
 Matches 17; Conservative 0; Mismatches 2;
 Indels 0; Gaps 0;

Qy 2 AGGGGATTGGAGATTCGGC 20
 Db 482 AGGGGATTGGAGGTGGC 464

RESULT 14
 US-10-311-455-364
 Sequence 364, Application US/10311455
 Publication No. US20030143606A1
 GENERAL INFORMATION:
 APPLICANT: OLEK, Al, Alexander
 APPLICANT: PIEPENROCK, Christian
 APPLICANT: BERLIN, Kurt
 TITLE OF INVENTION: Diagnosis of Diseases Associated with the Immune System by Determination of Cytosine methylation
 FILE REFERENCE: 5013.1.014
 CURRENT FILING DATE: 2002-12-16
 PRIOR APPLICATION NUMBER: PCT/EP01/C053.7
 PRIOR FILING DATE: 2001-07-02
 PRIOR APPLICATION NUMBER: DE 10032529.7
 PRIOR FILING DATE: 2000-06-30
 PRIOR APPLICATION NUMBER: DE 10043826.1
 PRIOR FILING DATE: 2000-09-01
 NUMBER OF SEQ ID NOS: 2424
 SEQ ID NO 364
 LENGTH: 5546
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
 US-10-311-455-364

Query Match 75.2%; Score 15.8; DB 15; Length 5546;
 Best Local Similarity 89.5%; Pred. No. 4.6e+02;
 Matches 17; Conservative 0; Mismatches 2;
 Indels 0; Gaps 0;

Qy 2 AGGGGATTGGAGATTCGGC 20
 Db 5406 AGGGGATTGGAGATTCGGC 5424

RESULT 15
 US-10-311-507-92
 Sequence 92, Application US/10311507
 Publication No. US20040115630A1
 GENERAL INFORMATION:
 APPLICANT: OLEK, Al, Alexander
 APPLICANT: PIEPENROCK, Christian
 APPLICANT: BERLIN, Kurt
 TITLE OF INVENTION: Method and nucleic acids for the analysis of astrocytomas
 FILE REFERENCE: 5013.1013
 CURRENT FILING DATE: 2002-12-16
 PRIOR APPLICATION NUMBER: PCT/EP01/07538
 PRIOR FILING DATE: 2001-07-02
 PRIOR APPLICATION NUMBER: DE 10032529.7
 PRIOR FILING DATE: 2000-06-30
 PRIOR APPLICATION NUMBER: DE 10043826.1
 PRIOR FILING DATE: 2000-09-01
 NUMBER OF SEQ ID NOS: 136
 SEQ ID NO 92
 LENGTH: 5546
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:

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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: September 16, 2004, 12:06:21 ; Search time 39.2977 Seconds

(without alignments)
 310.678 Million cell updates/sec

Title: US-09-477-082-30

Perfect score: 22

Sequence: 1 cgtatatactacattcgaaaacgaa 22

Scoring table: IDENTITY_NUC
 Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters:

1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_NA:*

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1: /cgn2_6/pctodata/2/ina/5A_COMB.seq:*
 2: /cgn2_6/pctodata/2/ina/5B_COMB.seq:*
 3: /cgn2_6/pctodata/2/ina/6A_COMB.seq:*
 4: /cgn2_6/pctodata/2/ina/6B_COMB.seq:*
 5: /cgn2_6/pctodata/2/ina/PCTUS_COMB.seq:*
 6: /cgn2_6/pctodata/2/ina/backfile1.seq:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	15.6	70.9	720	4 US-09-134-000C-147	Sequence 147, APP
C 2	15.4	70.0	348	4 US-09-134-000C-1533	Sequence 1533, APP
C 3	15.2	69.1	999	4 US-09-134-000C-1178	Sequence 1178, APP
C 4	15.2	69.1	4212	4 US-09-221-017B-39	Sequence 39, APP
C 5	14.8	67.3	705	4 US-09-107-532A-2305	Sequence 2305, APP
6	14.8	67.3	1992	4 US-09-13-078-57	Sequence 57, APP
C 7	14.8	67.3	2013	4 US-09-221-017B-1034	Sequence 1034, APP
C 8	14.8	67.3	2043	4 US-09-134-078-11	Sequence 11, APP
C 9	14.8	67.3	2154	4 US-09-54-681R-1534	Sequence 1534, APP
C 10	14.8	67.3	2237	4 US-08-91-999-7	Sequence 7, APP
C 11	14.8	67.3	2694	3 US-08-221-017B-703-5	Sequence 5, APP
C 12	14.8	67.3	2694	3 US-09-515-884-5	Sequence 5, APP
C 13	14.8	67.3	2948	2 US-09-078-57	Sequence 9, APP
C 14	14.8	67.3	5455	4 US-10-208-708-33	Sequence 33, APP
C 15	14.6	66.4	400	4 US-08-956-171E-3996	Sequence 3986, APP
C 16	14.6	66.4	469	1 US-08-46-347-23	Sequence 23, APP
C 17	14.6	66.4	469	1 US-08-226-264-25	Sequence 25, APP
C 18	14.6	66.4	469	1 US-08-46-389-23	Sequence 23, APP
C 19	14.6	66.4	469	2 US-08-779-379-23	Sequence 23, APP
20	14.6	66.4	469	2 US-09-46-219-23	Sequence 23, APP
C 21	14.6	66.4	469	3 US-09-228-152-23	Sequence 23, APP
C 22	14.6	66.4	476	4 US-09-621-976-15628	Sequence 15628, APP
C 23	14.6	66.4	630	4 US-09-636-215-633	Sequence 633, APP
C 24	14.6	66.4	630	4 US-09-681-666-633	Sequence 633, APP
C 25	14.6	66.4	780	4 US-09-134-001C-1631	Sequence 1631, APP
C 26	14.6	66.4	951	4 US-09-543-681A-2898	Sequence 2898, APP
C 27	14.6	66.4	1239	4 US-09-543-681A-4146	Sequence 4146, APP

RESULT 1
 US-09-134-000C-147
 ; Sequence 147, Application US/09134000C
 ; Patent No. 6617156
 ; GENERAL INFORMATION:
 ; APPLICANT: Lynn Doucette-Stamm et al
 ; TITLE OF INVENTION: NUCLEAR ACID AND AMINO ACID SEQUENCES RELATING TO ENTEROCOCCUS FAECALIS FOR DIAGNOSTICS AND THERAPEUTICS
 ; FILE REFERENCE: 032796-012
 ; CURRENT APPLICATION NUMBER: US/09/134,000C
 ; CURRENT FILING DATE: 1998-08-13
 ; PRIORITY APPLICATION NUMBER: US 60/055,778
 ; PRIORITY FILING DATE: 1997-08-15
 ; NUMBER OF SEQ ID NOS: 6812
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO: 147
 ; LENGTH: 720
 ; TYPE: DNA
 ; ORGANISM: Enterococcus faecalis
 ; US-09-134-000C-147

Query Match 147,保守性 18; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGTATATCATACATGGAAAGCA 22
 Db 588 CGTAGATCATCCCTAAACCA 609

RESULT 2
 US-09-956-171E-158/C
 ; Sequence 158, Application US/08956171E
 ; Patent No. 6593114
 ; GENERAL INFORMATION:
 ; APPLICANT: Charles Kunsch
 ; INVENTION: Staphylococcus aureus Polynucleotides and Sequences
 ; NUMBER OF SEQUENCES: 5256
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Human Genome Sciences, Inc.
 ; STREET: 9410 Key West Avenue
 ; CITY: Rockville
 ; STATE: Maryland
 ; COUNTRY: USA
 ; ZIP: 20850

COMPUTER READABLE FORM:
 COMPUTER MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
 COMPUTER: HP Vectra 486/33
 OPERATING SYSTEM: MSDOS version 6.2
 SOFTWARE: ASCII Text

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/956,171B
 FILING DATE: 20-Oct-1997
 CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/009,861
 FILING DATE: January 5, 1996
 APPLICATION NUMBER: 08/781,986
 FILING DATE: January 3, 1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Mark J. Hyman
 REGISTRATION NUMBER: 46,789
 REFERENCE/DOCET NUMBER: PB248P1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (240) 314-1224
 TELEFAX: (301) 309-8439
 INFORMATION FOR SEQ ID NO: 1583:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 348 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 1583
 US-08-956-171B-1583

Query Match 3 TATATCTAATTAGAAA 190
 Best Local Similarity 70.0%; Score 15.4%; DB 4; Length 348;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 206 TATATCTAATTAGAAA 190

RESULT 3
 US-09-134-001C-1178/C
 Sequence 1178, Application US/09134001C

PATENT NO. 6380310
 GENERAL INFORMATION:
 APPLICANT: Lynn Doucette-Stamm et al
 TITLE OF INVENTION: NUCLEARIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS EPIDERMIS FOR DIAGNOSTICS AND THERAPEUTICS
 FILE REFERENCE: GTC-007
 CURRENT FILING DATE: 1998-08-13
 PRIOR APPLICATION NUMBER: US 60/064,964
 PRIOR FILING DATE: 1997-11-08
 PRIOR APPLICATION NUMBER: US 60/055,779
 PRIOR FILING DATE: 1997-08-14
 NUMBER OF SEQ ID NOS: 5674
 SEQ ID NO 1178
 LENGTH: 999
 TYPE: DNA
 ORGANISM: Staphylococcus epidermidis
 US-09-134-001C-1178

Query Match 3 TATATCTAATTCAAAACCA 22
 Best Local Similarity 69.1%; Score 15.2%; DB 4; Length 999;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Db 508 TATATCTAATTCAAAACCA 489

RESULT 4
 US-09-221-017B-39/C
 Sequence 39, Application US/09221017B

Query Match 3 TATATCTAATTCAAAACCA 22
 Best Local Similarity 85.0%; Score 15.2%; DB 4; Length 4212;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Db 2978 TATATCTAATTCAAAACCA 2959

RESULT 5
 US-09-107-532A-2305
 Sequence 2305, Application US/09107532A
 PATENT NO. 6583275
 GENERAL INFORMATION:
 APPLICANT: Lynn A Doucette-Stamm and David Bush
 TITLE OF INVENTION: NUCLEARIC ACID AND AMINO ACID SEQUENCES RELATING TO

NUMBER OF SEQUENCES: 73:10
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: GENOME THERAPEUTICS CORPORATION
 STREET: 100 Beaver Street
 CITY: Waltham
 STATE: Massachusetts
 COUNTRY: USA
 ZIP: 02454

COMPUTER READABLE FORM:
 COMPUTER: PC
 MEDIUM TYPE: CD/ROM ISO9660
 COMPUTER: PC
 OPERATING SYSTEM: <Unknown>
 SOFTWARE: ASCII
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/107-532A
 FILING DATE: 30-Jun-1998
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/085,598
 FILING DATE: 14 May 1998
 APPLICATION NUMBER: 60/051571
 FILING DATE: July 2, 1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Arinieillo, Pamela A. Denke
 REGISTRATION NUMBER: 40,489
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (781)893-5007
 TELEFAX: (781)893-8277
 INFORMATION FOR SEQ ID NO: 1030:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 705 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: circular
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: Enterococcus faecium

FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (B) LOCATION 1...705
 SEQUENCE DESCRIPTION: SEQ ID NO: 2305:

US-09-107-532A-2305

Query Match 67.3% Score 14.8; DB 4; Length 705;
 Best Local Similarity 88.9%; Pred. No. 2, 3e+02; Indels 0; Gaps 0;

Qy 4 ATATCTACATTGAAACG 21
 Db 311 ATATCGATATGAAACG 328

RESULT 6
 US-09-134-078-57

Sequence 57, Application US/09134078
 Patent No. 636844

CORRESPONDENCE ADDRESS:
 APPLICANT: Bylina, Edward J.
 TITLE OF INVENTION: GLYCOSIDASE ENYMES
 NUMBER OF SEQUENCES: 72

APPLICANT: Bylina, Edward J.
 TITLE OF INVENTION: GLYCOSIDASE ENYMES
 NUMBER OF SEQUENCES: 72

ADDRESSSEE: Gray Cary Ware & Freidenrich LLP
 STREET: 4365 Executive Drive, Suite 1600
 CITY: San Diego
 STATE: CA
 ZIP: 92121

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible

OPERATING SYSTEM: Windows95
 SOFTWARE: FASTSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/134,078
 FILING DATE: 13-AUG-1998
 CLASSIFICATION: 435
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/949,026
 FILING DATE: 10-OCT-1997
 APPLICATION NUMBER: 08/056,916
 FILING DATE: 06-DEC-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Hall, Lisa A.
 REGISTRATION NUMBER: 38-347
 REFERENCE/DOCKET NUMBER: 09010/024002
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 858/677-1456
 TELEFAX: 858/677-1456
 INFORMATION FOR SEQ ID NO: 57:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1992 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: Genomic DNA
 FEATURE:
 NAME/KEY: Coding Sequence
 LOCATION: 1...1989

US-09-134-078-57

Query Match 67.3%; Score 14.8; DB 4; Length 1992;
 Best Local Similarity 88.9%; Pred. No. 2, 5e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4 ATATCTACATTGAAACG 21
 Db 1703 ACATCATCTCCAAACG 1720

RESULT 7
 US-09-221-017B-1034/C

Sequence 1034, Application US/09221017B
 Patent No. 644799

GENERAL INFORMATION:
 APPLICANT: Ross, Bruce C.
 TITLE OF INVENTION: P. GINGIVALIS NUCLEOTIDES AND USES THEREOF
 NUMBER OF SEQUENCES: 11:20
 CORESPONDENCE ADDRESS:
 ADDRESSEE: MORISON & FOERSTER
 STREET: 755 PAGE MILL ROAD
 CITY: Palo Alto
 STATE: CA
 COUNTRY: USA
 ZIP: 94304-1018

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible

OPERATING SYSTEM: Windows Version 2.0b
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PP1182
 FILING DATE: 31-DEC-1997
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: PP1546
 FILING DATE: 30-JAN-1998
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: PP2911
 FILING DATE: 09-APR-1998
 PRIORITY APPLICATION DATA:

APPLICATION NUMBER: PCT/AU98/01023
 FILING DATE: 10-DEC-1998
 ATTORNEY/AGENT INFORMATION:
 NAME: Monroy, Gladys H
 REGISTRATION NUMBER: 32,430
 REFERENCE/DOCKET NUMBER: 27340-20021.00
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 650-813-5600
 TELEX: 650-434-0792
 TELEX: 706141
 INFORMATION FOR SEQ ID NO: 1034:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2018 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: circular
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: UNKNOWN
 ORIGINAL SOURCE:
 NAME/KEY: misc_feature
 LOCATION: 1...2018
 US-09-221-017B-1034

Query Match Score 14.8; DB 4; Length 2018;
 Best Local Similarity 88.9%; Pred. No. 2.5e+02;
 Matches 16; Conservative 0; Mismatches 2;
 Indels 0; Gaps 0;

Qy 5 TATCTACATTCGAAACGA 22
 Db 1169 TATCGACATTCGATAGA 1152

RESULT 8
 US-09-134-078-11
 Sequence 11, Application US/09134078
 Patent No. 6368844
 GENERAL INFORMATION:
 APPLICANT: Byline, Edward J.
 TITLE OF INVENTION: GLYCOSIDASE ENZYMES
 NUMBER OF SEQUENCES: 72
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Gray Cary Ware & Freidenrich LLP
 STREET: 4165 Executive Drive, Suite 1600
 CITY: San Diego
 STATE: CA
 COUNTRY: USA
 ZIP: 92121
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: Windows 95
 SOFTWARE: FastSQL for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/134,078
 FILING DATE: 13-AUG-1998
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/919,026
 FILING DATE: 10-OCT-1997
 APPLICATION NUMBER: 60/056,916
 FILING DATE: 05-DEC-1996
 NAME: Haile, Lisa A.
 REGISTRATION NUMBER: 38,347
 REFERENCE/DOCKET NUMBER: 09010/024002
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 858/677-1456
 TELEX: 858/677-1465
 INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:

LENGTH: 2043 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: Genomic DNA
 FEATURE:
 NAME/KEY: Coding Sequence
 LOCATION: 1...2040
 US-09-134-078-11

Query Match Score 14.8; DB 4; Length 2043;
 Best Local Similarity 88.9%; Pred. No. 2.5e+02;
 Matches 16; Conservative 0; Mismatches 2;
 Indels 0; Gaps 0;

Qy 4 ATATCTACATTGAAACG 21
 Db 1754 ACATACATTCGAAACG 1771

RESULT 9
 US-09-543-681A-1534/C
 Sequence 1534, Application US/09543681A
 Patent No. 6605709
 GENERAL INFORMATION:
 APPLICANT: GARY BRETON
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABILIS
 FILE REFERENCE: 2709 1002-001
 CURRENT APPLICATION NUMBER: US/09/543,681A
 CURRENT FILING DATE: 2000-04-05
 PRIOR APPLICATION NUMBER: US 60/128,706
 PRIOR FILING DATE: 1999-04-09
 NUMBER OF SEQ ID NOS: 8344
 SEQ ID NO: 1534
 LENGTH: 2154
 TYPE: DNA
 ORGANISM: Proteus mirabilis
 US-09-543-681A-1534

Query Match Score 14.8; DB 4; Length 2154;
 Best Local Similarity 88.9%; Pred. No. 2.5e+02;
 Matches 16; Conservative 0; Mismatches 2;
 Indels 0; Gaps 0;

Qy 1 CGTATATCTACATTCGAA 18
 Db 191 CGGATATCGACATTCGAA 174

RESULT 10
 US-09-914-999-7/C
 Sequence 7, Application US/08914999
 Patent No. 6346406
 GENERAL INFORMATION:
 APPLICANT: Ryazanov, Alexey G.
 APPLICANT: Hait, William N.
 APPLICANT: Favur, Karen S.
 TITLE OF INVENTION: ELONGATION FACTOR-2 KINASE (EF-2 KINASE)
 NUMBER OF SEQUENCES: 25
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: David A. Jackson, Esq.
 STREET: 411 Hackensack Ave, Continental Plaza, 4th
 STREET: Floor
 CITY: Hackensack
 STATE: New Jersey
 COUNTRY: USA
 ZIP: 07601
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0,
 INFORMATION FOR SEQ ID NO: 11:
 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/914,999
 FILING DATE: ;
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Jackson Esq., David A.
 REGISTRATION NUMBER: 26,742
 REFERENCE DOCKET NUMBER: 601-1-078
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 201-487-5800
 TELEXFAX: 201-343-1684
 INFORMATION FOR SEQ ID NO: 7 :
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2237 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 HYPOTHETICAL: NO
 ORIGINAL SOURCE: ;
 ORGANISM: Dictyostelium discoideum
 US-08-914-999-7

Query Match 67.3% Score 14.8% DB 4; Length 2237;
 Best Local Similarity 88.9%; Pred. No. 2, 5e+02;
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 GTATATCPACATCAGAA 19
 Db 11745 GTATATTACATCCAAA 1728

RESULT 11
 US-08-975-703-5
 / Sequence 5, Application US/08575703
 / Patent No. 6030832
 GENERAL INFORMATION:
 APPLICANT: Wong, Alexander K.C.
 ATTORNEY: Bartel, Paul L.
 APPLICANT: Teng, David H.-F.
 APPLICANT: Tavtigian, Sean V.
 TITLE OF INVENTION: A Carboxy-Terminal BRCA1 Interacting
 TITLE OF INVENTION: Protein
 NUMBER OF SEQUENCES: 41

SEQUENCE 5
 / Application US/09515884
 / Patent No. 6235263
 CORRESPONDENCE ADDRESS:
 ADDRESSSEE: Rothwell, Figg, Ernst & Kurz, P.C.
 STREET: 555 Thirteenth Street, N.W., Suite 701 East
 CITY: Washington
 STATE: DC
 COUNTRY: U.S.A.
 ZIP: 20004

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/515,884
 FILING DATE: 29-Feb-2000
 CLASSIFICATION: <Unknown>
 PRIORITY NUMBER: 08/975,703
 ATTORNEY/AGENT INFORMATION:
 NAME: Saxe, Stephen A.
 REGISTRATION NUMBER: 38,609
 REFERENCE/DOCKET NUMBER: 2318-0174
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-624-1589
 TELEXFAX: 202-624-1589
 INFORMATION FOR SEQ ID NO: 5 :
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2694 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE: ;
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 1..691
 SEQUENCE DESCRIPTION: SEQ ID NO: 5 :

RESULT 13
US-09-515-884-5
Query Match 67.3%; Score 14.8; DB 3; Length 2694;
Best Local Similarity 88.9%; Pred. No. 2.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 2 GTATATCAGATTGAAA 19
Db 1103 GTATATCAGATTGAAA 1120

RESULT 14
US-10-204-708-33
Query Match 67.3%; Score 14.8; DB 4; Length 5455;
Best Local Similarity 88.9%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 5 TATCTACATTGAAAGCA 22
Db 4853 TATTTACCTTCGAAAGCA 4836

RESULT 15
US-08-956-171E-3986/C
Sequence 3986, Application US/08956171E
Patient No. 6593114
GENERAL INFORMATION:
APPLICANT: Zervos, Antonis S.
TITLE OF INVENTION: CELL PROLIFERATION RELATED GENES
FILE REFERENCE: 1024/004-001
CURRENT APPLICATION NUMBER: US/09/075,460A
CURRENT FILING DATE: 1998-05-08
EARLIER APPLICATION NUMBER: US 60/046,077
EARLIER FILING DATE: 1997-05-19
NUMBER OF SEQ ID NOS: 16
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO: 9
LENGTH: 2948
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (1)...(2691)
US-09-075-460-9

Query Match 67.3%; Score 14.8; DB 4; Length 2948;
Best Local Similarity 88.9%; Pred. No. 2.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 2 GTATATCAGATTGAAA 19
Db 1103 GTATATCAGATTGAAA 1120

RESULT 15
US-08-956-171E-3986/C
Sequence 3986, Application US/08956171E
Patient No. 6593114
GENERAL INFORMATION:
APPLICANT: Charles Kunsch
FILE REFERENCE: 1024/004-001
CURRENT APPLICATION NUMBER: US/09/075,460A
CURRENT FILING DATE: 1998-05-08
EARLIER APPLICATION NUMBER: US 60/046,077
EARLIER FILING DATE: 1997-05-19
NUMBER OF SEQ ID NOS: 16
SOFTWARE: ASCII Text
APPLICATION NUMBER: 60/009,861
FILING DATE: January 5, 1996
APPLICATION NUMBER: 08/781,986
FILING DATE: January 3, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Mark J. Hyman
REGISTRATION NUMBER: 46,789
REFERENCE/DOCKET NUMBER: PB248P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (240) 314-1224
TELEFAX: (301) 309-8439
INFORMATION FOR SEQ ID NO: 3986:
SEQUENCE CHARACTERISTICS:
LENGTH: 400 base Pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 3986:
US-08-956-171E-3986/C

Query Match 66.4%; Score 14.6; DB 4; Length 400;
Best Local Similarity 81.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 2 GTATATCTACATTGAAAGCA 22
Db 282 GCATCPATCATTCGAAACCA 262

Search completed: September 16, 2004, 16:26:41
Job time : 41.2977 secs

OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
SEQ ID NO: 33
LENGTH: 5455
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

Result No.	Score	Query Match	Length	DB ID	Description
1	17.2	78.2	2919	9	US-09-938-842A-2471 Sequence 2471, Ap
2	17.2	78.2	2919	1	US-09-938-842A-2471 Sequence 2471, Ap
C 3	17.2	78.2	9289	13	US-10-221-714A-172 Sequence 223, App
C 4	17.2	78.2	151858	17	US-10-322-281-653 Sequence 653, App
C 5	16.4	74.5	1349	17	US-10-466-531-1 Sequence 1, App
C 6	16.2	73.6	599	13	US-10-027-632-229423 Sequence 229423,
C 7	16.2	73.6	599	13	US-10-027-632-229423 Sequence 229423,
C 8	16.2	73.6	599	16	US-10-027-632-229424 Sequence 229424,
C 9	16.2	73.6	599	16	US-10-027-632-229424 Sequence 229424,
C 10	16.2	73.6	846	13	US-10-222-137-1305 Sequence 13705, A
C 11	16.2	73.6	894	16	US-10-369-493-28891 Sequence 28891, A
C 12	16.2	73.6	1439	17	US-10-43-963-35167 Sequence 35167, A
C 13	16.2	73.6	1857	16	US-10-369-493-29360 Sequence 29360, A
C 14	16.2	73.6	2909	15	US-10-126-714-168 Sequence 168, App

SUMMARIES

% Query Match Length DB ID Description
 Sequence 2471, Ap
 US-09-938-842A-2471
 / TYPE: DNA
 / ORGANISM: Arabidopsis thaliana
 / LENGTH: 2919;

US-09-938-842A-2471
 ; Sequence 2471, Application US/09938842A
 ; Patent No. US20030160178A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Harper, Jeff
 ; INVENTOR: Krebs, Joel
 ; APPLICANT: Wang, Xun
 ; APPLICANT: Zhu, Tong
 ; TITLE OF INVENTION: STRESS-REGULATED GENES OF PLANTS, TRANSGENIC PLANTS CONTAINING
 ; METHODS OF USE
 ; FILE REFERENCE: SCR1300-3
 ; CURRENT APPLICATION NUMBER: US/09/938-842A
 ; CURRENT FILING DATE: 2001-08-24
 ; PRIORITY NUMBER: US 60/227, 866
 ; PRIORITY FILING DATE: 2000-08-24
 ; PRIORITY NUMBER: US 60/264, 647
 ; PRIORITY FILING DATE: 2001-01-16
 ; PRIORITY NUMBER: US 60/300, 111
 ; PRIORITY FILING DATE: 2001-06-22
 ; NUMBER OF SEQ ID NOS: 5379-9
 ; SEQ ID NO: 2471
 ; LENGTH: 2919

RESULT 1
 US-09-938-842A-2471
 ; Sequence 2471, Application US/09938842A
 ; Patent No. US20030160178A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Harper, Jeff
 ; INVENTOR: Krebs, Joel
 ; APPLICANT: Wang, Xun
 ; APPLICANT: Zhu, Tong
 ; TITLE OF INVENTION: STRESS-REGULATED GENES OF PLANTS, TRANSGENIC PLANTS CONTAINING
 ; METHODS OF USE
 ; FILE REFERENCE: SCR1300-3
 ; CURRENT APPLICATION NUMBER: US/09/938-842A
 ; CURRENT FILING DATE: 2001-08-24
 ; PRIORITY NUMBER: US 60/227, 866
 ; PRIORITY FILING DATE: 2000-08-24
 ; PRIORITY NUMBER: US 60/264, 647
 ; PRIORITY FILING DATE: 2001-01-16
 ; PRIORITY NUMBER: US 60/300, 111
 ; PRIORITY FILING DATE: 2001-06-22
 ; NUMBER OF SEQ ID NOS: 5379-9
 ; SEQ ID NO: 2471
 ; LENGTH: 2919

RESULT 2
 US-09-938-842A-2471
 ; Sequence 2471, Application US/09938842A
 ; Patent No. US20030160178A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Harper, Jeff
 ; INVENTOR: Krebs, Joel
 ; APPLICANT: Wang, Xun
 ; APPLICANT: Zhu, Tong
 ; TITLE OF INVENTION: STRESS-REGULATED GENES OF PLANTS, TRANSGENIC PLANTS CONTAINING
 ; METHODS OF USE
 ; FILE REFERENCE: SCR1300-3
 ; CURRENT APPLICATION NUMBER: US/09/938-842A
 ; CURRENT FILING DATE: 2001-08-24
 ; PRIORITY NUMBER: US 60/227, 866
 ; PRIORITY FILING DATE: 2000-08-24
 ; PRIORITY NUMBER: US 60/264, 647
 ; PRIORITY FILING DATE: 2001-01-16
 ; PRIORITY NUMBER: US 60/300, 111
 ; PRIORITY FILING DATE: 2001-06-22
 ; NUMBER OF SEQ ID NOS: 5379-9
 ; SEQ ID NO: 2471
 ; LENGTH: 2919

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

ALIGNMENTS

Sequence 5168, Ap
 Sequence 1284, Ap
 Sequence 70, App
 Sequence 228022,
 Sequence 161722,
 Sequence 115264,
 Sequence 15, App
 Sequence 228028, A
 Sequence 662, App
 Sequence 62, App
 Sequence 115264,
 Sequence 2058, Ap
 Sequence 2280, Ap
 Sequence 224046,
 Sequence 224047,
 Sequence 224048,
 Sequence 224049,
 Sequence 224046,
 Sequence 224047,
 Sequence 224048,
 Sequence 224049,
 Sequence 10560, A
 Sequence 1167, Ap
 Sequence 40539, A
 Sequence 2486, Ap

US-09-938-842A-2471
i Sequence 2471, Application US/0938842A
i Publication No. US20040009476A9
GENERAL INFORMATION:
i APPLICANT: Harper, Jeff
i APPLICANT: Kress, JoeI
i APPLICANT: Wang, Xun
i TITLE OF INVENTION: STRESS-REGULATED GENES OF PLANTS, TRANSGENIC PLANTS CONTAINING
i TITLE OF INVENTION: SAME, AND METHODS OF USE
FILE REFERENCE: SCRTP1300-3
CURRENT APPLICATION NUMBER: US/09/938, 842A
PRIORITY FILING DATE: 2001-08-24
PRIOR APPLICATION NUMBER: US 60/227, 866
PRIOR FILING DATE: 2000-08-24
PRIOR APPLICATION NUMBER: US 60/264, 647
PRIOR FILING DATE: 2001-01-16
PRIOR APPLICATION NUMBER: US 60/300, 111
PRIOR FILING DATE: 2001-06-22
SEQ ID NO OF SEQ ID NOS: 5379
LENGTH: 2919
TYPE: DNA
ORGANISM: Arabidopsis thaliana
US-09-938-842A-2471

Query Match 78.2%; Score 17.2; DB 11; Length 2919;
Best Local Similarity 86.4%; Pred. No. 6.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CGTATATCATTCGAAAGCA 22
Db 1918 CTTATATCGATTGAAAGCA 1939

RESULT 3
US-10-221-714A-223/C
i Sequence 223, Application US/10221714A
i Publication No. US20040048254A1
GENERAL INFORMATION:
i APPLICANT: OLEK, Alexander
i APPLICANT: PIEDENROCK, Christian
i APPLICANT: BERLIN, Kurt
i TITLE OF INVENTION: Diagnosis of Diseases Associated with
i TITLE OF INVENTION: tumor suppressor genes and oncogenes
FILE REFERENCE: 5013-1005
CURRENT APPLICATION NUMBER: US/10/221-714A
CURRENT FILING DATE: 2003-01-22
PRIOR APPLICATION NUMBER: PCT/EP01/02955
PRIOR FILING DATE: 2001-03-15
PRIOR APPLICATION NUMBER: DE 10013847.0
PRIOR FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: DE 10019058.8
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: DE 10032529.7
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: DE 10043826.1
PRIOR FILING DATE: 2000-09-01
NUMBER OF SEQ ID NOS: 540
SEQ ID NO 223
LENGTH: 9289
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)

Query Match 78.2%; Score 17.2; DB 13; Length 9289;
Best Local Similarity 86.4%; Pred. No. 6.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CGTATATCATTCGAAAGCA 22
Db 5667 CATATATCATTCGAAAGCA 5646

RESULT 4
US-10-322-281-653/C
i Sequence 653, Application US/10322281
i Publication No. US20040126762A1
GENERAL INFORMATION:
i APPLICANT: Marc S. Malandro
i APPLICANT: David W. Morris
i TITLE OF INVENTION: Novel Compositions and Methods in Cancer
FILE REFERENCE: 529452001.000
CURRENT APPLICATION NUMBER: US/10/322, 281
CURRENT FILING DATE: 2002-12-17
NUMBER OF SEQ ID NOS: 866
SEQ ID NO 653
SOFTWARE: FastSQL for Windows Version 4.0
LENGTH: 151858
TYPE: DNA
ORGANISM: Mus musculus
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)...(151858)
OTHER INFORMATION: n = A,T,C or G

Qy 1 CGTATATCATTCGAAAGCA 22
Db 135534 CGTATATCATTCGAAAGCA 135513

RESULT 5
US-10-466-531-18/C
i Sequence 18, Application US/10466531
i Publication No. US2004016650A1
GENERAL INFORMATION:
i APPLICANT: INCYTE CORPORATION; PANZER, Scott R.
i APPLICANT: LINCOLN, Stephen B.; AUTUS, Christina M.;
i APPLICANT: DUPOUR, Gerard E.; JACKSON, Jennifer L.;
i APPLICANT: JONES, Anissa L.; DAM, Tam C.;
i APPLICANT: LIU, Tommy F.; HARRIS, Bernard;
i APPLICANT: FLORES, Vincent Z.; DIAFO, Abel;
i APPLICANT: MARWAHA, Rakesh; CHEN, Alice J.;
i APPLICANT: CHANG, Simon C.; GERSTIN JR., Edward H.;
i APPLICANT: PERALTA, Careyna H.; DAVID, Marie H.;
i APPLICANT: LEWIS, Samantha A.
i TITLE OF INVENTION: SECRETORY MOLECULES
FILE REFERENCE: PT-1216 USN
CURRENT APPLICATION NUMBER: US/10/466, 531
CURRENT FILING DATE: 2003-07-15
PRIOR APPLICATION NUMBER: PCT/US02/01340
PRIOR FILING DATE: 2002-01-15
PRIOR APPLICATION NUMBER: US 60/261, 865
PRIOR FILING DATE: 2001-01-16
PRIOR APPLICATION NUMBER: US 60/262, 599
PRIOR FILING DATE: 2001-01-19
PRIOR APPLICATION NUMBER: US 60/263, 329
PRIOR FILING DATE: 2001-01-19
PRIOR APPLICATION NUMBER: US 60/262, 209
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: US 60/263, 131
PRIOR FILING DATE: 2001-01-19
PRIOR APPLICATION NUMBER: US 60/262, 208
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: US 60/262, 164
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: US 60/263, 063

Query Match 78.2%; Score 17.2; DB 13; Length 9289;
Best Local Similarity 86.4%; Pred. No. 6.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

PRIOR FILING DATE: 2001-01-19
 PRIOR APPLICATION NUMBER: US 60/261,864
 PRIOR FILING DATE: 2001-01-16
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 152
 SOFTWARE: PERL Program
 SEQ ID NO: 18
 LENGTH: 1349
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: misc_feature
 OTHER INFORMATION: Incyte ID NO: LI:238576.2:2001JAN12
 FEATURE: unsure
 NAME/KEY: unsure
 LOCATION: 568,1179
 OTHER INFORMATION: a, t, c, g, or other
 US-10-466-331-18

Query Match 74.5%; Score 16.4; DB 17; Length 1349;
 Best Local Similarity 94.4%; Pred. No. 1.3e+03; Indels 0; Gaps 0;
 Matches 17; Conservative 0; Mismatches 1; Other Information: n = A,T,C or G
 Qy 1 CGTATATCTACATTGAA 18
 Db 333 CATATCTACATTGAA 316

RESULT 6
 US-10-027-632-229423
 ; Sequence 229423, Application US/10027632
 ; Publication No. US20020198371A1
 GENERAL INFORMATION
 ; APPLICANT: Wang, David G.
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
 ; TITLE OF INVENTION: Polymorphisms in the Human Genome
 ; FILE REFERENCE: 108827.129
 CURRENT APPLICATION NUMBER: US/10/027,632
 CURRENT FILING DATE: 2002-04-30
 PRIOR APPLICATION NUMBER: US 60/218,006
 PRIOR FILING DATE: 2000-07-12
 PRIOR APPLICATION NUMBER: US 60/198,676
 PRIOR FILING DATE: 2000-04-20
 PRIOR APPLICATION NUMBER: US 60/193,483
 PRIOR FILING DATE: 2000-03-29
 PRIOR APPLICATION NUMBER: US 60/185,218
 PRIOR APPLICATION NUMBER: US 60/167,363
 PRIOR FILING DATE: 1999-11-23
 PRIOR APPLICATION NUMBER: US 60/156,358
 PRIOR FILING DATE: 1999-09-28
 PRIOR APPLICATION NUMBER: US 60/146,002
 PRIOR FILING DATE: 1999-08-09
 NUMBER OF SEQ ID NOS: 325720
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 229424
 LENGTH: 599
 TYPE: DNA
 ORGANISM: Human
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (1)...(59)
 OTHER INFORMATION: n = A,T,C or G
 US-10-027-632-229424

Query Match 73.6%; Score 16.2; DB 13; Length 599;
 Best Local Similarity 85.7%; Pred. No. 1.5e+03; Indels 0; Gaps 0;
 Matches 18; Conservative 0; Mismatches 3; Other Information: n = A,T,C or G
 Qy 2 GTATCTACATTGAAAGA 22
 Db 455 GAATCTCATATGAAAGA 475

RESULT 8
 US-10-027-632-229423
 ; Sequence 229423, Application US/10027632
 ; Publication No. US20020198371A1
 GENERAL INFORMATION
 ; APPLICANT: Wang, David G.
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
 ; TITLE OF INVENTION: Polymorphisms in the Human Genome
 ; FILE REFERENCE: 108827.129
 CURRENT APPLICATION NUMBER: US/10/027,632
 CURRENT FILING DATE: 2002-04-30
 PRIOR APPLICATION NUMBER: US 60/218,006
 PRIOR FILING DATE: 2000-01-12
 PRIOR APPLICATION NUMBER: US 60/198,676
 PRIOR FILING DATE: 2000-04-20
 PRIOR APPLICATION NUMBER: US 60/167,363
 PRIOR FILING DATE: 1999-11-23
 PRIOR APPLICATION NUMBER: US 60/193,483
 PRIOR FILING DATE: 2000-04-29
 PRIOR APPLICATION NUMBER: US 60/185,218
 PRIOR FILING DATE: 2000-02-24
 PRIOR APPLICATION NUMBER: US 60/167,363
 PRIOR FILING DATE: 1999-08-28
 PRIOR APPLICATION NUMBER: US 60/156,358
 PRIOR APPLICATION NUMBER: US 60/146,002
 PRIOR FILING DATE: 1999-08-09
 NUMBER OF SEQ ID NOS: 325720

SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 229423
 LENGTH: 399
 TYPE: DNA
 ORGANISM: Human
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (1)..(59)
 OTHER INFORMATION: n = A,T,C or G
 US-10-027-632-229423

RESULT 9
 US-10-027-632-229424
 Sequence 229424, Application US/10027632
 Publication No. US20030204075A9
 GENERAL INFORMATION:
 APPLICANT: Wang, David G.
 TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
 FILE REFERENCE: 108327-129
 CURRENT APPLICATION NUMBER: US/10/027,632
 CURRENT FILING DATE: 2002-04-30
 PRIOR APPLICATION NUMBER: US 60/218,006
 PRIOR FILING DATE: 2000-07-12
 PRIOR APPLICATION NUMBER: US 60/198,676
 PRIOR FILING DATE: 2000-04-20
 PRIOR APPLICATION NUMBER: US 60/193,483
 PRIOR FILING DATE: 2000-03-29
 PRIOR APPLICATION NUMBER: US 60/185,218
 PRIOR FILING DATE: 2000-02-24
 PRIOR APPLICATION NUMBER: US 60/167,363
 PRIOR FILING DATE: 1999-11-23
 PRIOR APPLICATION NUMBER: US 60/156,358
 PRIOR FILING DATE: 1999-09-28
 PRIOR APPLICATION NUMBER: US 60/146,002
 PRIOR FILING DATE: 1999-08-09
 NUMBER OF SEQ ID NOS: 325720
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 229424
 LENGTH: 399
 TYPE: DNA
 ORGANISM: Human
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (1)..(59)
 OTHER INFORMATION: n = A,T,C or G
 US-10-027-632-229424

Query Match 73.6%; Score 16.2; DB 16; Length 599;
 Best Local Similarity 85.7%; Pred. No. 1.5e+03; Indels 0; Gaps 0;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 GTATATCTACATTGAAAGCA 22
 Db 455 GAATATCTACATTGAAAGCA 475

RESULT 10
 US-10-282-1122A-113705/c
 Sequence 113705, Application US/102821122A1
 Publication No. US20040029129A1
 GENERAL INFORMATION:
 APPLICANT: Zamudio, Carlos
 APPLICANT: Wang, Liangsu

Query Match 73.6%; Score 16.2; DB 16; Length 599;
 Best Local Similarity 85.7%; Pred. No. 1.5e+03; Indels 0; Gaps 0;

Qy 2 GTATATCTACATTGAAAGCA 22
 Db 455 GAATATCTACATTGAAAGCA 475

RESULT 11
 US-10-369-493-28891
 Sequence 28891, Application US/10369493
 Publication No. US2003233675A1
 GENERAL INFORMATION:
 APPLICANT: Cao, Yongwei
 APPLICANT: Hinkie, Gregory J.
 APPLICANT: Slater, Steven C.
 APPLICANT: Goldman, Barry S.
 APPLICANT: Chen, Xianfeng
 APPLICANT: Goldstein, Barry S.
 TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
 FILE REFERENCE: 38-10-(52052)B
 CURRENT APPLICATION NUMBER: US/10/369,493
 CURRENT FILING DATE: 2003-02-28
 PRIOR APPLICATION NUMBER: US 60/360,039
 PRIOR FILING DATE: 2002-02-21
 NUMBER OF SEQ ID NOS: 47374
 SEQ ID NO: 28891
 LENGTH: 894
 TYPE: DNA

ORGANISM: Caenorhabditis elegans
us-10-369-493-28891

Query Match Best Local Similarity 73.6%; Score 16.2; DB 16; Length 894;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 GTATATCTACATTGAAACGA 22
Db 280 GAAATTACATTGAAACGA 300

RESULT 12
US-10-437-963-35167
Sequence 35167, Application US/10437963
Publication No. US2004023344A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalcik, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Boukhatov, Andrey A.
APPLICANT: Barbazuk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 35167
LENGTH: 1439
TYPE: DNA
ORGANISM: Oryza sativa
FEATURE:
OTHER INFORMATION: Clone ID: PAT_MRT4530_39112C-1
us-10-437-963-35167

Query Match Best Local Similarity 73.6%; Score 16.2; DB 17; Length 1439;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CGTATATCTACATTGAAACG 21
Db 714 CGTATATACATCGAAACG 734

RESULT 13
US-10-369-493-29360
Sequence 29360, Application US/10369493
Publication No. US20030233675A1
GENERAL INFORMATION:
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Goldman, Barry S.
APPLICANT: Chan, Xianfeng
TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
FILE REFERENCE: 38-1-0(52052)B
CURRENT APPLICATION NUMBER: US/10/369,493
PRIORITY FILING DATE: 2003-02-28
PRIORITY APPLICATION NUMBER: US 60/360,039
NUMBER OF SEQ ID NOS: 47374
SEQ ID NO 29360
LENGTH: 1857
TYPE: DNA
ORGANISM: Caenorhabditis elegans
us-10-369-493-29360

Query Match Best Local Similarity 85.7%; Score 16.2; DB 16; Length 1857;

Qy 2 GTATATCTACATTGAAACGA 22
Db 253 GTATTCATCATCGAAACG 273

RESULT 14
US-10-128-714-168/C
Sequence 168, Application US/10128714
Publication No. US20030119013A1
GENERAL INFORMATION:
APPLICANT: Jiang, Bo
APPLICANT: Hu, Wendi
APPLICANT: Tishkoff, Daniel
APPLICANT: Zamudio, Carlos
APPLICANT: Eroshkin, Alexey M.
APPLICANT: Lemieux, Sébastien M.
TITLE OF INVENTION: Identification of Essential Genes in Aspergillus fumigatus and
TITLE OF INVENTION: Methods of Use
FILE REFERENCE: 10182-018-999
CURRENT APPLICATION NUMBER: US/10/128,714
CURRENT FILING DATE: 2002-04-23
PRIOR APPLICATION NUMBER: US 60/285,697
PRIOR FILING DATE: 2001-04-23
PRIOR APPLICATION NUMBER: US 60/287,066
PRIOR FILING DATE: 2001-04-27
PRIOR APPLICATION NUMBER: US 60/295,890
PRIOR FILING DATE: 2001-06-05
PRIOR APPLICATION NUMBER: US 60/303,899
PRIOR FILING DATE: 2001-07-09
PRIOR APPLICATION NUMBER: US 60/316,362
PRIOR FILING DATE: 2001-08-31
NUMBER OF SEQ ID NOS: 8603
SOFTWARE: PatentIn version 3.1
SEQ ID NO 168
LENGTH: 2809
TYPE: DNA
ORGANISM: Aspergillus fumigatus
us-10-128-714-168

Query Match Best Local Similarity 73.6%; Score 16.2; DB 15;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CGTATATCTACATTGAAACG 21
Db 2061 CCTATGCTACATCGAAAG 2041

RESULT 15
US-10-128-714-5168/C
Sequence 5168, Application US/10128714
Publication No. US20030119013A1
GENERAL INFORMATION:
APPLICANT: Jiang, Bo
APPLICANT: Hu, Wendi
APPLICANT: Tishkoff, Daniel
APPLICANT: Zamudio, Carlos
APPLICANT: Eroshkin, Alexey M.
APPLICANT: Lemieux, Sébastien M.
TITLE OF INVENTION: Identification of Essential Genes in Aspergillus fumigatus and
TITLE OF INVENTION: Methods of Use
FILE REFERENCE: 10182-018-999
CURRENT APPLICATION NUMBER: US/10/128,714
CURRENT FILING DATE: 2002-04-23
PRIOR APPLICATION NUMBER: US 60/285,697
PRIOR FILING DATE: 2001-04-23
PRIOR APPLICATION NUMBER: US 60/287,066
PRIOR FILING DATE: 2001-04-27
PRIOR APPLICATION NUMBER: US 60/295,890
PRIOR FILING DATE: 2001-06-05

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; PRIORITY NUMBER: US 60/303,899
; PRIOR FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: US 60/316,362
; PRIOR FILING DATE: 2001-08-31
; NUMBER OF SEQ ID NOS: 8603
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 5168
; LENGTH: 3224
; TYPE: DNA
; ORGANISM: Aspergillus fumigatus
; US-10-128-714-5168

Query Match      Score 16.2; DB 15; Length 3224;
Best Local Similarity 85.7%; Prd. No. 1.7e+03;
Matches 18; Conservative 0; Mismatches 3;
Indels 0; Gaps 0;

Qy   1 CGTATATCACATTGAAACG 21
Db   2376 CTTATTGGTACATTGAAACG 2356
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Job time : 200.985 secs

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Perfect score: 21
Sequence: 1 tagggatttggaggattgtga 21
Scoring table: IDENTITY NUC
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Searched: 682709 seqs, 277475446 residues
Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 100%
Listing First 45 summaries

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4: /sgn2_/_ptodata/2/ina/6B_COMB.seq:
5: /sgn2_/_ptodata/2/ina/PTOS_COMB.seq:
6: /sgn2_/_ptodata/2/ina/backfile1.seq:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the total score distribution, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	80.0	168575	4	US-09-426-290-1	Sequence 1, Appli
C 2	16.2	77.1	201	4 US-09-107-532A-337	Sequence 337, App
C 3	15.8	75.2	1664976	4 US-09-5421B-1	Sequence 323, App
C 4	15.8	75.2	1664976	4 US-08-916-421B-1	Sequence 1, Appli
C 5	15.2	72.4	348	4 US-09-705-1882	Sequence 1382, Ap
C 6	15.2	72.4	348	4 US-09-736-457-1382	Sequence 1382, Ap
C 7	15.2	72.4	348	4 US-09-614-124B-1382	Sequence 1382, Ap
C 8	15.2	72.4	348	4 US-09-671-325-1382	Sequence 1382, Ap
C 9	15.2	72.4	481	4 US-09-333-933-46	Sequence 46, Appli
C 10	15.2	72.4	481	4 US-09-215-681-46	Sequence 46, Appli
C 11	15.2	72.4	481	4 US-09-215-681-46	Sequence 46, Appli
C 12	15.2	72.4	481	4 US-09-215-681-46	Sequence 46, Appli
C 13	15.2	72.4	864	4 US-09-328-352-2079	Sequence 2079, Ap
C 14	15.2	72.4	872	4 US-09-016-434-6	Sequence 6, Appli
C 15	15.2	72.4	3113	2 US-08-999-228-20	Sequence 20, Appli
C 16	15.2	72.4	3240	3 US-09-267-773-7	Sequence 7, Appli
C 17	15.2	72.4	3244	3 US-09-267-773-3	Sequence 3, Appli
C 18	15.2	72.4	3264	3 US-09-267-773-5	Sequence 5, Appli
C 19	15.2	72.4	3268	3 US-09-267-773-1	Sequence 1, Appli
C 20	15.2	72.4	3771	1 US-07-877-280-5	Sequence 5, Appli
C 21	15.2	72.4	3771	1 US-08-049-783-1	Sequence 1, Appli
C 22	15.2	72.4	3771	1 US-08-157-232-5	Sequence 5, Appli
C 23	15.2	72.4	3771	1 US-08-304-626-5	Sequence 5, Appli
C 24	15.2	72.4	3771	1 US-08-316-301A-5	Sequence 5, Appli
C 25	15.2	72.4	3771	1 US-08-611-928-5	Sequence 5, Appli
C 26	15.2	72.4	3771	3 US-09-173-891-5	Sequence 2, Appli
C 27	15.2	72.4	3771	3 US-09-076-137-5	Sequence 4, Appli

ALIGNMENTS

RESULT 1
US-09-426-290-1
; Sequence 1, Application US/09426290
; Patent No. 6410712
; GENERAL INFORMATION:
; APPLICANT: Berglind Ran Olafsdottir
; TITLE OF INVENTION: HUMAN NARCOLEPSY GENE
; FILE REFERENCE: 2345-2001-000
; CURRENT APPLICATION NUMBER: US/09/426,290
; CURRENT FILING DATE: 1999-10-25
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: Fastseq for Windows Version 4.0
; SEQ ID NO: 1
; LENGTH: 168575
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE: CDS
; NAME/KEY: CDS
; LOCATION: (21181) ... (21403)
; NAME/KEY: CDS
; LOCATION: (95252) ... (95430)
; NAME/KEY: CDS
; LOCATION: (101181) ... (101996)
; NAME/KEY: CDS
; LOCATION: (11024) ... (110439)
; NAME/KEY: CDS
; LOCATION: (124058) ... (124278)
; NAME/KEY: CDS
; LOCATION: (127009) ... (127130)
; NAME/KEY: CDS
; LOCATION: (128910) ... (129139)
; LOCATION: (128910) ... (129139)
; QUERY Match 80.0%; Score 16.8%; DB 4; Length 168575;
; Best Local Similarity 90.0%; Mismatches 0; Indels 0; Gaps 0;
Qy 2 AGGGGATTGGAGATGTGA 21
Db 29456 AGGGGATTGGAGATGTGA 29475
; RESULT 2
US-09-107-532A-337/c
; Sequence 337, Application US/09107532A
; Patent No. 6583275
; GENERAL INFORMATION:
; APPLICANT: Lynn A Doucette-Stamm and David Bush
; TITLE OF INVENTION: NUCLEAR ACID AND AMINO ACID SEQUENCES RELATING TO

NUMBER OF SEQUENCES: 7310
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: GENOME THERAPEUTICS CORPORATION
 STREET: 100 Beaver Street
 CITY: Waltham
 STATE: Massachusetts
 ZIP: 02434
 COMPUTER READABLE FORM:
 MEDIUM TYPE: CD/ROM ISO9660
 COMPUTER: PC
 OPERATING SYSTEM: <Unknown>
 SOFTWARE: ASCII
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/107,532A
 FILING DATE: 30-Jun-1998
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 60/085,598
 FILING DATE: 14 May 1998
 APPLICATION NUMBER: 60/051571
 FILING DATE: July 2, 1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Ariniello, Pamela Deneke
 REGISTRATION NUMBER: 40,489
 REFERENCE/DOCKET NUMBER: GTC-012
 TELEPHONE: (781) 893-5007
 TELEFAX: (781) 893-5227
 INFORMATION FOR SEQ ID NO: 337:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 201 base pairs
 STRANDEDNESS: double
 TOPOLOGY: circular
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 LOCATION: (B) LOCATION 1...201
 FEATURE:
 NAME/KEY: misc feature
 LOCATION: SEQ ID NO: 337:
 US-09-107-532A-337

Query Match 77.1%; Score 16.2; DB 4; Length 201;
 Best Local Similarity 85.7%; Pred. No. 1.1e+02;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 TAGGGATGGAGATTGCA 21
 Db 161 TAGGAAGTGGAGATTGCA 141

RESULT 3
 US-09-543-681A-323
 Sequence 323; Application US/09543681A
 Patent No. 6605709
 GENERAL INFORMATION:
 APPLICANT: GARY BRETON
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABILIS
 CURRENT APPLICATION NUMBER: US/09/543,681A
 CURRENT FILING DATE: 2000-04-05
 PRIOR APPLICATION NUMBER: US 60/128,706
 PRIOR FILING DATE: 1999-04-09
 NUMBER OF SEQ ID NOS: 8344
 LENGTH: 987
 SEQ ID NO: 323
 TYPE: DNA
 ORGANISM: Proteus mirabilis

US-09-543-681A-323
 Query Match 75.2%; Score 15.8; DB 4; Length 987;
 Best Local Similarity 88.5%; Pred. No. 1.1e+02;
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 TAGGGATGGAGATTGCA 19
 Db 200 TAGGGATGGAGATTGACT 218

RESULT 4
 US-08-916-421B-1/C
 Sequence 1; Application US/08916421B
 Patent No. 6503729
 GENERAL INFORMATION:
 APPLICANT: Built et al.
 TITLE OF INVENTION: Complete Genome Sequence of the Methanogenic Archaeon, Methanococcus jannaschii
 Patent No. 6503729
 TITLE OF INVENTION: jannaschii
 FILE REFERENCE: PB275
 CURRENT APPLICATION NUMBER: US/08/916,421B
 CURRENT FILING DATE: 1997-08-22
 PRIOR APPLICATION NUMBER: US 60/024,428
 PRIOR FILING DATE: 1996-08-22
 NUMBER OF SEQ ID NOS: 3
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO: 1
 LENGTH: 1664976
 TYPE: DNA
 ORGANISM: Methanococcus jannaschii
 FEATURE:
 NAME/KEY: misc feature
 LOCATION: (2822) .. (28222)
 OTHER INFORMATION: n equals a, t, c, or g
 NAME/KEY: misc feature
 LOCATION: (2825) .. (28258)
 OTHER INFORMATION: n equals a, t, c, or g
 NAME/KEY: misc feature
 LOCATION: (8475) .. (84773)
 OTHER INFORMATION: n equals a, t, c, or g
 NAME/KEY: misc feature
 LOCATION: (84808) .. (84808)
 OTHER INFORMATION: n equals a, t, c, or g
 NAME/KEY: misc feature
 LOCATION: (84812) .. (84812)
 OTHER INFORMATION: n equals a, t, c, or g
 NAME/KEY: misc feature
 LOCATION: (98120) .. (98120)
 OTHER INFORMATION: n equals a, t, c, or g
 NAME/KEY: misc feature
 LOCATION: (98119) .. (98119)
 OTHER INFORMATION: n equals a, t, c, or g
 NAME/KEY: misc feature
 LOCATION: (98229) .. (98229)
 OTHER INFORMATION: n equals a, t, c, or g
 NAME/KEY: misc feature
 LOCATION: (98266) .. (98266)
 OTHER INFORMATION: n equals a, t, c, or g
 NAME/KEY: misc feature
 LOCATION: (148948) .. (148948)
 OTHER INFORMATION: n equals a, t, c, or g
 NAME/KEY: misc feature
 LOCATION: (163185) .. (163385)
 OTHER INFORMATION: n equals a, t, c, or g
 NAME/KEY: misc feature
 LOCATION: (191989) .. (191989)

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OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (19195) .. (19195)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (231980) .. (231980)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (234187) .. (234187)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (234220) .. (234220)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (234814) .. (234814)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (30938) .. (30938)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (309418) .. (309418)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (312837) .. (312837)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (312993) .. (312993)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (319226) .. (319226)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (559167) .. (559167)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (559241) .. (559241)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (600992) .. (600992)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (674435) .. (674435)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (682442) .. (682442)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (713652) .. (713652)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (741684) .. (741684)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (779455) .. (779455)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (779676) .. (779676)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (85539) .. (85539)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (871619) .. (871619)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (1084830) .. (1084830)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (1096846) .. (1096846)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (1119881) .. (1119881)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (1130881) .. (1130881)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (1131324) .. (1131324)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (1131988) .. (1131988)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (1131324) .. (1131324)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (1134973) .. (1134973)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (1134991) .. (1134991)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (11470091) .. (11470091)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (11569020) .. (11569020)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (11602912) .. (11602912)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (11603734) .. (11603734)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (1163798) .. (1163798)
OTHER INFORMATION: n equals a, t, c, or g
NAME/KEY: misc_feature
LOCATION: (1164854) .. (1164854)
OTHER INFORMATION: n equals a, t, c, or g
US -08-916-421B-1

Query Match 75.2% Score 15.8; DB 4; Length 1664976;
Best Local Similarity 89.5%; Prd. No. 2.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 GGGATTGGAGATTGTA 21
Db 412121 GGAGATTGGAGATTGAGA 412103

RESULT 5
US-09-705-11382-C
Sequence 138, Application US/09702705
Patent No. 6504010
GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
APPLICANT: Ranger, Gary
APPLICANT: Vedrick, Tom
APPLICANT: Carrier, Darrick
APPLICANT: Retter, Marc
APPLICANT: Mainion, Jane
APPLICANT: Fan, Lijun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121..478C14
CURRENT APPLICATION NUMBER: US/09/702,705
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 183
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 1382
LENGTH: 348
TYPE: DNA
ORGANISM: Homo sapien
US-09-702-705-1382

Query Match 72.4%; Score 15.2; DB 4; Length 348;
 Best Local Similarity 85.0%; Prod. No. 3.2e+02;
 Matches 17; Conservative 0; Mismatches 3;
 Indels 0; Gaps 0;

Qy 2 AGGGATTTGGAGATTGGA 21
 Db 316 AGGGCCTTGGAGATTCTGA 297

RESULT 6
SEQ ID NO 1382
LENGTH: 348
TYPE: DNA
ORGANISM: Homo sapien
US-09-736-457-1382/c

Sequence 1382, Application US/09736457
 Patent No. 6509448
 GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
APPLICANT: Fanger, Gary
APPLICANT: Vedwick, Tom
APPLICANT: Carter, Darrick
APPLICANT: Reiter, Marc
APPLICANT: Mannion, Jane
APPLICANT: Fan, Liqun
APPLICANT: Wang, Ajun
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
 DIAGNOSIS OF LUNG CANCER
 FILE REFERENCE: 210121.478C15
 CURRENT APPLICATION NUMBER: US/09/736,457
 CURRENT FILING DATE: 2000-12-13
 NUMBER OF SEQ ID NOS: 1864
 SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 1382
LENGTH: 348
TYPE: DNA
ORGANISM: Homo sapien
US-09-736-457-1382

Query Match 72.4%; Score 15.2; DB 4; Length 348;
 Best Local Similarity 85.0%; Prod. No. 3.2e+02;
 Matches 17; Conservative 0; Mismatches 3;
 Indels 0; Gaps 0;

Qy 2 AGGGATTTGGAGATTGGA 21
 Db 316 AGGGCCTTGGAGATTCTGA 297

RESULT 7
SEQ ID NO 1382
LENGTH: 348
TYPE: DNA
ORGANISM: Homo sapien
US-09-614-124B-1382/c

Sequence 1382, Application US/09614124B
 Patent No. 6630574
 GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
APPLICANT: Fanger, Gary
APPLICANT: Vedwick, Tom
APPLICANT: Carter, Darrick
APPLICANT: Reiter, Marc
APPLICANT: Mannion, Jane
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
 DIAGNOSIS OF LUNG CANCER
 FILE REFERENCE: 210121.478C9
 CURRENT APPLICATION NUMBER: US/09/614,124B
 CURRENT FILING DATE: 2001-07-11
 NUMBER OF SEQ ID NOS: 1658
 SOFTWARE: FastSEQ for Windows Version 3.0

Query Match 72.4%; Score 15.2; DB 4; Length 348;
SEQ ID NO 1382
LENGTH: 348
TYPE: DNA
ORGANISM: Homo sapien
US-09-404-87A-46

Query Match 72.4%; Score 15.2; DB 4; Length 348;
SEQ ID NO 1382
LENGTH: 348
TYPE: DNA
ORGANISM: Homo sapien
US-09-404-87A-46

Query Match 72.4%; Score 15.2; DB 4; Length 481;
SEQ ID NO 1382
LENGTH: 481
TYPE: DNA
ORGANISM: Homo sapien
US-09-404-87A-46

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Best Local Similarity 85.0%; Pred. No. 3.3e+02; Matches 17; Conservative 0; MisMatches 3; Indels 0; Gaps 0;
; APPLICANT: Frudakis, Tony N.
; APPLICANT: King, Gordon E.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY OF OVARIAN CANCER
; FILE REFERENCE: 210121..462
; CURRENT APPLICATION NUMBER: US/09/216,003A
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 46
LENGTH: 481
TYPE: DNA
ORGANISM: Homo sapiens
US-09-216-003A-46

RESULT 10
IS-09-338-933-46/c
Sequence 46, Application US/09338933
; GENERAL INFORMATION:
; APPLICANT: Mitcham, Jennifer Lynn
; APPLICANT: King, Gordon E.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY OF OVARIAN CANCER
; FILE REFERENCE: 210121..462C1
; CURRENT APPLICATION NUMBER: US/09/338,933
; CURRENT FILING DATE: 1999-06-23
; NUMBER OF SEQ ID NOS: 312
; SOFTWARE: Fast-SEQ for Windows Version 3.0
SEQ ID NO 46
LENGTH: 481
TYPE: DNA
ORGANISM: Homo sapien
US-09-338-933-46/c

Query Match 1 TAGGGATTGGAGATGTG 20
Match 117 TAGCTATTGGAGATGTG 98
Qy 1 TAGGGATTGGAGATGTG 20
Db 117 TAGCTATTGGAGATGTG 98
RESULTS 11
US-09-215-681-46/c
Sequence 46, Application US/09215681A
; GENERAL INFORMATION:
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Frudakis, Tony N.
; APPLICANT: King, Gordon E.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSIS OF OVARIAN CANCER
; FILE REFERENCE: 210121..463
; CURRENT APPLICATION NUMBER: US/09/215,681A
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: Fast-SEQ for Windows Version 3.0
SEQ ID NO 46
LENGTH: 481
TYPE: DNA
ORGANISM: Homo sapien
US-09-215-681-46/c

Query Match 1 TAGGGATTGGAGATGTG 20
Match 117 TAGCTATTGGAGATGTG 98
Qy 1 TAGGGATTGGAGATGTG 20
Db 117 TAGCTATTGGAGATGTG 98
RESULTS 12
US-09-216-003A-46/c
Sequence 46, Application US/09216003A
; GENERAL INFORMATION:
; APPLICANT: Mirrani, Jennifer L.
; APPLICANT: Janice Au-Young
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING PATHWAY GENE EXPRESSION
; NUMBER OF SEQUENCES: 1490
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS
; CURRENT APPLICATION DATA:
RESULTS 13
US-09-328-352-2079
Sequence 2079, Application US/09328352
; GENERAL INFORMATION:
; APPLICANT: Gary L. Breton et al.
; TITLE OF INVENTION: NUCLEAR ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER BAUmannii FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: GTCS9-0PA
; CURRENT APPLICATION NUMBER: US/09/328,352
; CURRENT FILING DATE: 1999-06-04
; NUMBER OF SEQ ID NOS: 8252
SEQ ID NO 2079
LENGTH: 864
TYPE: DNA
ORGANISM: Acinetobacter baumannii
US-09-328-352-2079

Query Match 1 TAGGGATTGGAGATGTG 20
Match 117 TAGCTATTGGAGATGTG 98
Qy 1 AGGGATTGGAGATGTG 21
Db 618 AGGGATTGGAGATGTG 637
RESULTS 14
US-09-016-434-6
Sequence 6, Application US/09016434
; GENERAL INFORMATION:
; APPLICANT: Janice Au-Young
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING PATHWAY GENE EXPRESSION
; NUMBER OF SEQUENCES: 1490
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS
; CURRENT APPLICATION DATA:
RESULTS 15
US-09-328-352-2079
Sequence 2079, Application US/09328352
; GENERAL INFORMATION:
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING PATHWAY GENE EXPRESSION
; NUMBER OF SEQUENCES: 1490
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS
; CURRENT APPLICATION DATA:

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APPLICATION NUMBER: US/09/016,434
FILING DATE: HEREWITH
CLASSIFICATION:
APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REFERENCE DOCKET NUMBER: PA-0002 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 845-4166
TELEFAX: (650) 845-0555
SEQUENCE CHARACTERISTICS:
LENGTH: 872 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: TH2:PLB01
CLONE: 011615
US-09-016-434-6

RESULT 14
US-09-93-228-20
Sequence 20, Application US/08993228
Patent No. 5976838
GENERAL INFORMATION:
APPLICANT: Jacobs, Kenneth
APPLICANT: McCoy, John M.
APPLICANT: LaValle, Edward R.
APPLICANT: Racine, Liss A.
APPLICANT: Merberg, David
APPLICANT: Tracy, Maurice
APPLICANT: Spaulding, Vicki
APPLICANT: Agostino, Michael J.
TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES
TITLE OF INVENTION: ENCODING THEM
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 Cambridge Park Drive
CITY: Cambridge
STATE: MA
COUNTRY: U.S.A.
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Parentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/993,228
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Sprunger, Suzanne A.
REGISTRATION NUMBER: 41,323
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8284
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 20:
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OM nucleic search, using sw model

Run on: September 16, 2004, 15:53:12 ; Search time 187.076 Seconds

(without alignments)
 566.594 Million cell updates/sec

Title: US-09-477-082-31
 Perfect score: 21

Sequence: 1 tagggatctggaggattgtga 21

Scoring table: IDENTITY-NUC
 Gapop 10.0 , Gapext 1.0

Searched: 3327077 seqs, 2523723180 residues

Total number of hits satisfying chosen parameters:

6654154

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing First 45 summaries

Database :

Published Applications NA:*

1: /cgn2_6/ptodata/2/pubpna/us07_pubcomb.seq;*

2: /cgn2_6/ptodata/2/pubpna/pct_new_pub.seq;*

3: /cgn2_6/ptodata/2/pubpna/us05_pub.seq;*

4: /cgn2_6/ptodata/2/pubpna/us06_pubseq;*

5: /cgn2_6/ptodata/2/pubpna/us07_new_pub.seq;*

6: /cgn2_6/ptodata/2/pubpna/pctrus_pubcomb.seq;*

7: /cgn2_6/ptodata/2/pubpna/us08_new_pub.seq;*

8: /cgn2_6/ptodata/2/pubpna/pct_new_pub.seq;*

9: /cgn2_6/ptodata/2/pubpna/us09a_pubcomb.seq;*

10: /cgn2_6/ptodata/2/pubpna/us09c_pubcomb.seq;*

11: /cgn2_6/ptodata/2/pubpna/us09d_pubcomb.seq;*

12: /cgn2_6/ptodata/2/pubpna/us09e_pubcomb.seq;*

13: /cgn2_6/ptodata/2/pubpna/us09f_new_pub.seq;*

14: /cgn2_6/ptodata/2/pubpna/us10a_pubcomb.seq;*

15: /cgn2_6/ptodata/2/pubpna/us10c_pubcomb.seq;*

16: /cgn2_6/ptodata/2/pubpna/us10d_pubcomb.seq;*

17: /cgn2_6/ptodata/2/pubpna/us10e_new_pub.seq;*

18: /cgn2_6/ptodata/2/pubpna/us60_new_pub.seq;*

19: /cgn2_6/ptodata/2/pubpna/us60_pubcomb.seq;*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB ID	Description
1	18.4	87.6	5518	15	US-10-311-455-190	Sequence 190, App
2	18.4	87.6	5518	15	US-10-240-422-18	Sequence 18, App
3	17.8	84.8	4369	16	US-10-108-260A-1401	Sequence 1401, App
4	17.8	84.8	9870	16	US-10-115-821-118	Sequence 118, App
5	17.8	84.8	13377	13	US-10-121-714A-197	Sequence 197, App
6	17.8	84.8	13377	15	US-10-311-455-135	Sequence 1435, App
7	17	81.0	16914	13	US-10-221-613-214	Sequence 214, App
8	16.8	80.0	356	13	US-10-424-539-107823	Sequence 107823, App
C	9	16.8	80.0	551	15	US-10-029-386-9317
C	10	16.8	80.0	551	17	US-10-021-323-13512
C	11	16.8	80.0	642	13	US-10-022-632-250518
C	12	16.8	80.0	642	13	US-10-022-632-250519
C	13	16.8	80.0	642	16	US-10-022-632-250518
C	14	16.8	80.0	642	16	US-10-027-632-250519,

ALIGNMENTS

RESULT 1

US-10-311-455-190

; Sequence 190, Application US-10311455

; Publication No. US2003013606A1

; GENERAL INFORMATION;

; APPLICANT: OLEK, Alexander

; ATTORNEY: PETERBEN BROCK, Christian

; APPLICANT: BERLIN, Dietmar

; TITLE OF INVENTION: Diagnosis of Diseases Associated with the Immune System by Determination of Invention: cytosine methylation

; FILE REFERENCE: 5013.1014

; CURRENT APPLICATION NUMBER: US/10/311,455

; CURRENT FILING DATE: 2002-12-16

; PRIOR APPLICATION NUMBER: PCT/EP01/07537

; PRIOR FILING DATE: 2001-07-02

; PRIOR APPLICATION NUMBER: DE 10032529.7

; PRIOR FILING DATE: 2000-06-30

; PRIOR APPLICATION NUMBER: DE 10043826.1

; NUMBER OF SEQ ID NOS: 2424

; SEQ ID NO 190

; LENGTH: 5518

; TYPE: DNA

; ORGANISM: Artificial Sequence

; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)

US-10-311-455-190

Query Match Score 87.6%; Best Local Similarity 95.0%; Matches 19; Conservative 0; Mismatches 0; Gaps 0;

Qy 1 TAGGGATTTGGAGATTGTG 20

Db 46 TAGGGATTTGGAGATTGTG 65

RESULT 2

US-10-240-452-18 Application US/102440452
 Sequence 18, Application US/102440452
 Publication No. US20030162194A1
 GENERAL INFORMATION:
 APPLICANT: OLEK, Alexander
 PLEPENROCK, Christian
 APPLICANT: BERLIN, Kurt
 TITLE OF INVENTION: Diagnosis of Diseases Associated with Apoptosis
 CURRENT APPLICATION NUMBER: US/10/240,452
 CURRENT FILING DATE: 2002-10-02
 PRIOR APPLICATION NUMBER: PCT/EP01/03969
 PRIOR FILING DATE: 2001-04-06
 PRIOR APPLICATION NUMBER: DE 10019058.8
 PRIOR FILING DATE: 2000-04-06
 PRIOR APPLICATION NUMBER: DE 10019173.8
 PRIOR FILING DATE: 2000-04-07
 PRIOR APPLICATION NUMBER: DE 10032529.7
 PRIOR FILING DATE: 2000-06-30
 PRIOR APPLICATION NUMBER: DE 100431826.1
 PRIOR FILING DATE: 2000-09-01
 NUMBER OF SEQ ID NOS: 78
 SEQ ID NO 18
 LENGTH: 5518
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
 US-10-240-452-18

Query Match 87.6%; Score 18.4; DB 15; Length 5518;
 Best Local Similarity 95.0%; Pred. No. 91; Mismatches 1; Indels 0; Gaps 0;
 Matches 19; Conservative 0; Other Information: chemically treated genomic DNA (Homo sapiens)

Db 1 TAGGGGATTTGGAGATTGTC 20
 46 TAGGGGATTTGGAGATTGTC 65

RESULT 3

US-10-108-260A-1401 Application US/10108260A
 Sequence 1401, Application US/10108260A
 Publication No. US20040005560A1
 GENERAL INFORMATION:
 APPLICANT: HELIX RESEARCH INSTITUTE
 TITLE OF INVENTION: H1-A0106
 FILE REFERENCE: H1-A0106
 CURRENT APPLICATION NUMBER: US/10/108,260A
 CURRENT FILING DATE: 2002-03-27
 NUMBER OF SEQ ID NOS: 5458
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 1401
 LENGTH: 4369
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-108-260A-1401

Query Match 84.8%; Score 17.8; DB 16; Length 4369;
 Best Local Similarity 90.5%; Pred. No. 1.7e+02; Mismatches 2; Indels 0; Gaps 0;
 Matches 19; Conservative 0; Other Information: chemically treated genomic DNA (Homo sapiens)

Db 1 TAGGGGATTTGGAGATTGTC 21
 1369 TAGGGGATTTGGAGATTGTC 1389

RESULT 4

US-10-115-831-118 Application US/10115831
 Sequence 118, Application US/10115831
 Publication No. US20030213743A1
 GENERAL INFORMATION:
 APPLICANT: Tang, Y. Tom
 DRMANAC, Radkoje T.
 ASUNDI, Vinod
 FEIYAN, Ren,
 PLEPENROCK, Christian
 Liu, Chenghua
 APPLICANT: Liu, Chenghua
 APPLICANT: Asundi, Vinod
 APPLICANT: Ren, Feiyan
 APPLICANT: DRMANAC, Radkoje T.
 TITLE OF INVENTION: Polypeptides
 FILE REFERENCE: 792C1P2ADIV
 CURRENT APPLICATION NUMBER: US/10/115,831
 CURRENT FILING DATE: 2002-04-02
 PRIOR APPLICATION NUMBER: 09/667,298
 PRIOR FILING DATE: 2000-09-22
 PRIOR APPLICATION NUMBER: 09/577,408
 PRIOR FILING DATE: 2000-05-18
 NUMBER OF SEQ ID NOS: 178
 SOFTWARE: pt_FL_genes Version 2.0
 SEQ ID NO 118
 LENGTH: 9870
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: CDS
 LOCATION: (3442)..(9390)
 US-10-115-831-118

Query Match 84.8%; Score 17.8; DB 16; Length 9870;
 Best Local Similarity 90.5%; Pred. No. 1.9e+02; Mismatches 2; Indels 0; Gaps 0;
 Matches 19; Conservative 0; Other Information: chemically treated genomic DNA (Homo sapiens)

Db 1 TAGGGGATTTGGAGATTGTC 21
 4505 TAGGGGATTTGGAGATTGTC 4525

RESULT 5

US-10-221-714A-197 Application US/10221714A
 Sequence 197, Application US/10221714A
 Publication No. US20040042254A1
 GENERAL INFORMATION:
 APPLICANT: OLEK, Alexander
 APPLICANT: PLEPENROCK, Christian
 APPLICANT: BERLIN, Kurt
 TITLE OF INVENTION: Diagnosis of Diseases Associated with tumor suppressor genes and oncogenes
 FILE REFERENCE: 5013-1005
 CURRENT APPLICATION NUMBER: US/10/221,714A
 CURRENT FILING DATE: 2003-01-21
 PRIOR APPLICATION NUMBER: PCT/EP01/02955
 PRIOR FILING DATE: 2001-03-15
 PRIOR APPLICATION NUMBER: DE 10013847.0
 PRIOR FILING DATE: 2000-03-15
 PRIOR APPLICATION NUMBER: DE 10019058.8
 PRIOR FILING DATE: 2000-04-06
 PRIOR APPLICATION NUMBER: DE 10019173.8
 PRIOR FILING DATE: 2000-04-07
 PRIOR APPLICATION NUMBER: DE 10032229.7
 PRIOR FILING DATE: 2000-06-30
 PRIOR APPLICATION NUMBER: DE 10043826.1
 PRIOR FILING DATE: 2000-09-01
 SEQ ID NO 197
 LENGTH: 13377
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
 US-10-221-714A-197

Query Match 84.8%; Score 17.8; DB 13; Length 13377;
 Best Local Similarity 90.5%; Pred. No. 1.9e+02; Mismatches 2; Indels 0; Gaps 0;
 Matches 19; Conservative 0; Other Information: chemically treated genomic DNA (Homo sapiens)

Db 1 TAGGGGATTTGGAGATTGTC 21

Db 1704 TAAGGGATTGGAGATGTTA 1724

RESULT 6
US-10-311-455-1435
; Sequence 1435, Application US/10311455
GENERAL INFORMATION:
; APPLICANT: OLEK, Alexander
; APPLICANT: PIEPENBROCK, Christian
; APPLICANT: BERLIN, Kurt
TITLE OF INVENTION: Diagnosis of Diseases Associated with the Immune System by Determination of Invention: cytosine methylation

FILE REFERENCE: 5013_1014

CURRENT APPLICATION NUMBER: US/10/311,455

PRIOR FILING DATE: 2002-12-16

PRIOR APPLICATION NUMBER: PCT/EP01/07537

PRIOR FILING DATE: 2001-07-02

PRIOR APPLICATION NUMBER: DE 10032529,7

PRIOR FILING DATE: 2000-06-30

PRIOR APPLICATION NUMBER: DE 10043826,1

PRIOR FILING DATE: 2000-09-01

NUMBER OF SEQ ID NOS: 2424

SEQ ID NO 1435

LENGTH: 13377

TYPE: DNA

ORGANISM: Artificial Sequence

OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)

US-10-311-455-1435

Query Match

Score 17.8%; DB 15;

Best Local Similarity 90.5%; Pred. No. 1.9e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 TAGGGATTGGAGATGTTA 21

Db 1704 TAAGGGATTGGAGATGTTA 1724

RESULT 7

US-10-221-613-214

; Sequence 214, Application US/10221613

Publication No. US20040029123A1

GENERAL INFORMATION:

APPLICANT: OLEK, Alexander

APPLICANT: PIEPENBROCK, Christian

APPLICANT: BERLIN, Kurt

FILE REFERENCE: 5013_1004

CURRENT APPLICATION NUMBER: US/10/221,613

CURRENT FILING DATE: 2002-09-13

PRIOR APPLICATION NUMBER: PCT/EP01/029445

DE 10013847,00

DE 10019058,8

DE 10019173,8

DE 10032529,7

DE 10043846,1

PRIOR FILING DATE: 2001-03-15

2000-03-15

2000-04-06

2000-04-07

2000-06-30

2000-09-01

NUMBER OF SEQ ID NOS: 428

SEQ ID NO 214

LENGTH: 16914

TYPE: DNA

ORGANISM: Artificial Sequence

OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)

FEATURE: NAME/KEY: unsure

; LOCATION: (422, 441, 608, 660, 664, 680, 696, 720, 749, 792..,793, 1637)
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1643, 1665, 2367, 2383, 2458, 2555, 2581, 2587, 2828)
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (3248, 3257, 3268, 3300, 3386, 3390, 3398, 3869, 4126, 4571)
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (4656, 4661, 4841, 4905, 4926, 4931, 4939, 4945, 4960, 4977)
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (4989, 5032, 5154, 5156, 5734, 5993, 6255, 6602)
; - US-10-221-613-214
Query Match Score 17; DB 13; Length 16914;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TAGGGATTGGAGATT 17
Db 5123 TAGGGATTGGAGATT 5139
RESULT 8
US-10-424-599-107823
; Sequence 107823, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalai David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; CURRENT APPLICATION NUMBER: 38-21(5322)B
; FILE REFERENCE: 38-21(5322)B
; CURRENT FILING DATE: 2003-04-28
; SEQ ID NO 107823
; LENGTH: 356
; TYPE: DNA
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_68380C.1
US-10-424-599-107823
Query Match Score 16.8%; DB 13; Length 356;
Best Local Similarity 90.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1 TAGGGATTGGAGATTGTG 20
Db 218 TATGGATATGGAGATGTG 237
RESULT 9
US-10-039-386-9317/C
; Sequence 9317, Application US/10029386
; Publication No. US2003019470A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzei, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR GENE EXPRESSION ANALYSIS TWO
; FILE REFERENCE: ABOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Ammaxak Sequence Listing Engine vers. 1.1
; SEQ ID NO 9317
; LENGTH: 551

Query Match 80.0%; Score 16.8; DB 15; Length 551;
 Best Local Similarity 90.0%; Pred. No. 4e+02; Indels 0; Gaps 0;
 Matches 18; Conservative 0; Mismatches 2;

Qy 2 AGGGGATTGAGATGTGA 21
 Db 438 AGGGGATTGAGATGTGA 419

RESULT 10
 US-10-021-323-13512/C
 Sequence 13512, Application US/10021323
 Publication No. US20040123340A1
 GENERAL INFORMATION:
 APPLICANT: Deikman, Jill
 ATTORNEY: Feng, Paul C.C.
 APPLICANT: Fincher, Karen L.
 APPLICANT: Ziegler, Todd E.
 TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
 FILE REFERENCE: 38-21(52274)B
 CURRENT APPLICATION NUMBER: US/10/021,323
 PRIOR APPLICATION NUMBER: US 60/255, 619
 PRIOR FILING DATE: 2001-12-12
 NUMBER OF SEQ ID NOS: 17880
 SEQ ID NO: 13512
 LENGTH: 551
 TYPE: DNA
 ORGANISM: Gossypium hirsutum
 FEATURE: Clone ID: LIB3829-011-Q6-N6-D7
 OTHER INFORMATION: US-10-021-323-13512

Query Match 80.0%; Score 16.8; DB 17; Length 551;
 Best Local Similarity 90.0%; Pred. No. 4e+02; Indels 0; Gaps 0;
 Matches 18; Conservative 0; Mismatches 2;

Qy 2 AGGGGATTGAGATGTGA 21
 Db 167 AGGGGATTGAGATGTGA 148

RESULT 11
 US-10-027-632-250518
 Sequence 250518, Application US/10027632
 Publication No. US20020198371A1
 GENERAL INFORMATION:
 APPLICANT: Wang, David G.
 TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
 FILE REFERENCE: 10887-129
 CURRENT APPLICATION NUMBER: US/10/027, 632
 PRIOR APPLICATION NUMBER: US 60/218, 006
 PRIOR FILING DATE: 2000-07-12
 NUMBER OF SEQ ID NOS: 325720
 SEQ ID NO: 13512
 LENGTH: 642
 TYPE: DNA
 ORGANISM: Human
 US-10-027-632-250519

Query Match 80.0%; Score 16.8; DB 13; Length 642;
 Best Local Similarity 90.0%; Pred. No. 4.1e+02; Indels 0; Gaps 0;
 Matches 18; Conservative 0; Mismatches 2;

Qy 2 AGGGGATTGAGATGTGA 21
 Db 38 AGGGGATTGAGATGTGA 57

RESULT 12
 US-10-027-632-250519
 Sequence 250519, Application US/10027632
 Publication No. US20020198371A1
 GENERAL INFORMATION:
 APPLICANT: Wang, David G.
 TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
 FILE REFERENCE: 108827-129
 CURRENT APPLICATION NUMBER: US/10/027, 632
 PRIOR APPLICATION NUMBER: US 60/218, 006
 PRIOR FILING DATE: 2000-04-30
 NUMBER OF SEQ ID NOS: 325720
 SEQ ID NO: 13512
 LENGTH: 642
 TYPE: DNA
 ORGANISM: Human
 US-10-027-632-250519

Query Match 80.0%; Score 16.8; DB 13; Length 642;
 Best Local Similarity 90.0%; Pred. No. 4.1e+02; Indels 0; Gaps 0;
 Matches 18; Conservative 0; Mismatches 2;

Qy 2 AGGGGATTGAGATGTGA 21
 Db 38 AGGGGATTGAGATGTGA 57

RESULT 13
 US-10-027-632-250518
 Sequence 250518, Application US/10027632
 Publication No. US20020198371A1
 GENERAL INFORMATION:
 APPLICANT: Wang, David G.
 TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
 FILE REFERENCE: 10887-129
 CURRENT APPLICATION NUMBER: US/10/027, 632
 PRIOR APPLICATION NUMBER: US 60/218, 006
 PRIOR FILING DATE: 2000-07-12
 NUMBER OF SEQ ID NOS: 325720
 SEQ ID NO: 13512
 LENGTH: 642
 TYPE: DNA
 ORGANISM: Human
 US-10-027-632-250518

Query Match 80.0%; Score 16.8; DB 13; Length 642;
 Best Local Similarity 90.0%; Pred. No. 4.1e+02; Indels 0; Gaps 0;
 Matches 18; Conservative 0; Mismatches 2;

Qy 2 AGGGGATTGAGATGTGA 21
 Db 38 AGGGGATTGAGATGTGA 57

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FILE REFERENCE: 108827,129
CURRENT APPLICATION NUMBER: US/10/027,632
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2002-04-30
PRIOR FILING DATE: 2000-07-12
PRIOR FILING DATE: 2000-04-20
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 1999-11-23
PRIOR FILING DATE: 1999-09-18
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO: 250518
LENGTH: 642
TYPE: DNA
ORGANISM: Human
US-10-027-632-250518

Query Match 80.0%; Score 16.8; DB 16; Length 642;
Best Local Similarity 90.0%; Pred. No. 4.1e-02; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 2;

Qy 2 AGGGGATTGGAGATTTGTA 21
Db 38 AGGGGATTGGAGATTTGGA 57

RESULT 14
US-10-027-632-250519
Sequence 250519, Application US/10027632
Publication No. US-A0304075A9
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
FILE REFERENCE: 108827,129
CURRENT APPLICATION NUMBER: US/10/027,632
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2002-04-30
PRIOR FILING DATE: 2000-07-12
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 1999-11-23
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 1999-09-18
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO: 250519
LENGTH: 642
TYPE: DNA
ORGANISM: Human
US-10-027-632-250519

Query Match 80.0%; Score 16.8; DB 16; Length 715;
Best Local Similarity 90.0%; Pred. No. 4.1e-02; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 2;

Qy 1 TAGGGATTGGAGATTTG 20
Db 377 TAGGAGATTGGAGATAGT 358

Search completed: September 16, 2004, 20:53:42
Job time : 192.076 secs

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OM nucleic - nucleic search, using sw model

Run on: September 16, 2004, 12:06:21 i Search time 44.6565 Seconds
 (without alignments)
 310.678 Million cell updates/sec

Title: US-09-477-082-32

Perfect score: 25

Sequence: 1 cccatatactacattcaaaaaaa 25

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 45 summaries

Database : Issued_Patents_NA:
 1: /cgzn2_6/ptodata/2/ina/5A_COMB.seq:
 2: /cgzn2_6/ptodata/2/ina/5B_COMB.seq:
 3: /cgzn2_6/ptodata/2/ina/6A_COMB.seq:
 4: /cgzn2_6/ptodata/2/ina/6B_COMB.seq:
 5: /cgzn2_6/ptodata/2/ina/PCITS_COMB.seq:
 6: /cgzn2_6/ptodata/2/ina/batfileseq:
 *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description	
1	18.6	74.4	798	4 US-09-280-116-82	Sequence 82, Appli	
2	18.6	74.4	1239025	4 US-09-198-52A-1	Sequence 1, Appli	
c	3	18.2	72.8	262	4 US-09-313-29A-203	Sequence 2303, Ap
c	4	18.2	72.8	1386	2 US-08-687-080-76	Sequence 76, Appli
c	5	18.2	72.8	1755	4 US-09-328-355-3746	Sequence 3746, Ap
c	6	18.2	72.8	2427	4 US-09-601-198-70	Sequence 10, Appli
c	7	18.2	72.8	7037	4 US-09-853-768-3	Sequence 3, Appli
c	8	18.2	72.8	19124	2 US-08-487-826B-13	Sequence 13, Appli
c	9	17.6	70.4	257	4 US-09-213-29A-295	Sequence 2295, Ap
c	10	17.6	70.4	759	4 US-09-107-53A-803	Sequence 803, Ap
c	11	17.6	70.4	1200	4 US-09-540-216-576	Sequence 576, Ap
c	12	17.6	70.4	1995	4 US-09-620-312D-908	Sequence 908, Ap
c	13	17.6	70.4	6182	4 US-10-204-708-88	Sequence 88, Ap
c	14	17.6	70.4	11910	3 US-09-345-217-1	Sequence 1, Appli
c	15	17.6	70.4	89047	4 US-09-396-002-34	Sequence 34, Appli
c	16	17.6	70.4	152231	3 US-09-128-155-16	Sequence 16, Appli
c	17	17.2	68.8	297	1 US-08-116-36A-17	Sequence 17, Appli
c	18	17.2	68.8	297	3 US-09-054-238-17	Sequence 17, Appli
c	19	17.2	68.8	297	3 US-08-818-655-17	Sequence 17, Appli
c	20	17.2	68.8	297	4 US-09-105-833-17	Sequence 17, Appli
c	21	17.2	68.8	342	4 US-09-134-001C-2219	Sequence 2219, Ap
c	22	17.2	68.8	357	4 US-08-956-121E-2525	Sequence 1525, Ap
c	23	17.2	68.8	498	4 US-09-35-34-35	Sequence 3435, Ap
c	24	17.2	68.8	1715	4 US-09-023-655-983	Sequence 984, Appli
c	25	17.2	68.8	2111	2 US-08-966-316-6	Sequence 6, Appli
c	26	17.2	68.8	5954	4 US-09-23-905A-6	Sequence 6, Appli
c	27	17.2	68.0	381	4 US-09-540-236-844	Sequence 844, App

ALIGNMENTS

RESULT 1
 US-09-280-116-82
 ; Sequence 82, Application US/09280116A
 ; Patent No. 6331127
 ; GENERAL INFORMATION:
 ; APPLICANT: Robison, Keith E.
 ; TITLE OF INVENTION: Nucleic Acid Molecules Encoding Human Protease Homologs
 ; FILE REFERENCE: 5800-24, 035800/176965
 ; CURRENT APPLICATION NUMBER: US/09/280,116A
 ; NUMBER OF SEQ ID NOS: 268
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO: 82
 ; LENGTH: 798
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; OTHER INFORMATION: matrix metalloproteinases
 ; FEATURE:
 ; NAME KEY: misc_feature
 ; LOCATION: (1)_(798)
 ; OTHER INFORMATION: n = a, t, c or g
 US-09-280-116-82

Query Match 74.4%; Score 18.6; DB 4; Length 798;
 Best Local Similarity 84.0%; Pred. No. 59;
 Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1 CCATATATCTACATTCAAAACAA 25
 Db 422 CCATATATATATATCCAGACAA 446

RESULT 2
 US-09-188-452A-1
 ; Sequence 1, Application US/09198452A
 ; Patent No. 6559294
 ; GENERAL INFORMATION:
 ; APPLICANT: Grifais, R.
 ; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
 ; FILE REFERENCE: 9710-003-999
 ; CURRENT APPLICATION NUMBER: US/09/198,452A
 ; CURRENT FILING DATE: 1998-11-24
 ; NUMBER OF SEQ ID NOS: 6849
 ; SEQ ID NO: 1
 ; LENGTH: 1230025
 ; TYPE: DNA
 ; ORGANISM: Chlamydia pneumoniae

LOCATION: (72001)..(735000)
 OTHER INFORMATION: n=a or c or g or t
 NAME/KEY: misc_feature
 LOCATION: (735001)..(750000)
 OTHER INFORMATION: n=a or c or g or t
 NAME/KEY: misc_feature
 LOCATION: (750001)..(765000)
 OTHER INFORMATION: n=a or c or g or t
 NAME/KEY: misc_feature
 LOCATION: (765001)..(780000)
 OTHER INFORMATION: n=a or c or g or t
 NAME/KEY: misc_feature
 LOCATION: (780001)..(795000)
 OTHER INFORMATION: n=a or c or g or t
 NAME/KEY: misc_feature
 LOCATION: (795001)..(810000)
 OTHER INFORMATION: n=a or c or g or t
 NAME/KEY: misc_feature
 LOCATION: (810001)..(825000)
 OTHER INFORMATION: n=a or c or g or t
 NAME/KEY: misc_feature
 LOCATION: (825001)..(840000)
 OTHER INFORMATION: n=a or c or g or t
 NAME/KEY: misc_feature
 LOCATION: (840001)..(855000)
 OTHER INFORMATION: n=a or c or g or t
 NAME/KEY: misc_feature
 LOCATION: (855001)..(870000)
 OTHER INFORMATION: n=a or c or g or t
 NAME/KEY: misc_feature
 LOCATION: (870001)..(885000)
 OTHER INFORMATION: n=a or c or g or t
 NAME/KEY: misc_feature
 LOCATION: (885001)..(900000)
 OTHER INFORMATION: n=a or c or g or t
 NAME/KEY: misc_feature
 LOCATION: (900001)..(915000)
 OTHER INFORMATION: n=a or c or g or t
 NAME/KEY: misc_feature

Query Match 74.4%; Score 18.6; DB 4; Length 1230025;
 Best Local Similarity 84.0%; Pred. No. 77;
 Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1 CCATATATCTACATTCAAAACAA 25
 Db 559906 CCATCTTATCTACATCACATCAA 559930

RESULT 3
 US-09-313-294A-2303/c
 Sequence 2303, Application US/09313294A
 GENERAL INFORMATION:
 APPLICANT: Ito, Laura Y.
 APPLICANT: Sherman, Bradley K.
 TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM CORN EAR FILE REFERENCE: PL-0017-US
 CURRENT APPLICATION NUMBER: US/09/3113,294A
 CURRENT FILING DATE: 1999-05-14
 NUMBER OF SEQ ID NOS: 7600
 SEQ ID NO 2303
 LENGTH: 262
 TYPE: DNA
 ORGANISM: Zea mays
 FEATURE: misc feature
 NAME/KEY: misc feature
 OTHER INFORMATION: Incyte ID No. 6476212 700552454H1
 NAME/KEY: unsure
 LOCATION: 3,172,182,184
 OTHER INFORMATION: a, t, c, g, or other

US-09-311-294A-2303
 Query Match 72.8%; Score 18.2; DB 4; Length 262;
 Best Local Similarity 87.0%; Pred. No. 81;
 Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 CATATATCTACATTCAAAACAA 24
 Db 220 CATATTTATTAATTCATAAAACA 198

RESULT 4
 US-08-687-080-76
 Sequence 76, Application US/08687080
 Patent No. 5965477
 GENERAL INFORMATION:
 APPLICANT: Gregory Dolganov
 TITLE OF INVENTION: Human RAD50 Gene and Methods of Use Thereof
 NUMBER OF SEQUENCES: 175
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Dehlinger & Associates
 STREET: 350 Cambridge Avenue, Suite 250
 CITY: Palo Alto
 STATE: CA
 COUNTRY: USA
 ZIP: 94306
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/687,080
 FILING DATE: 17-JUL-1996
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/592,126
 FILING DATE: 26-JAN-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Shiozzi, Charles K.
 REGISTRATION/DOCKET NUMBER: 4600-0111-30
 REFERENCE/DOCKET NUMBER: 4600-0111-30
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 324-0880
 TELEFAX: (415) 324-0960
 INFORMATION FOR SEQ ID NO: 76:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1386 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 INDIVIDUAL ISOLATE: INTRON 9 OF RAD50 GENOMIC SEQUENCE
 US-08-687-080-76

Query Match 72.8%; Score 18.2; DB 2; Length 1386;
 Best Local Similarity 87.0%; Pred. No. 87;
 Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 CATATATCTACATTCAAAACAA 24
 Db 278 CATAGAAATGTACATTCATAAAACA 300

RESULT 5
 US-09-328-352-3746/C
 Sequence 3746, Application US/09328352
 Patent No. 6562258
 GENERAL INFORMATION:
 APPLICANT: Gary L. Bretton et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
; TITLE OF INVENTION: BAUMANNII FOR DIAGNOSTICS AND THERAPEUTICS ; NAME/KEY: CDS
; FILE REFERENCE: GTG9-03.PA ; LOCATION: (183) . . . (5957)
; CURRENT FILING DATE: 1999-06-04 ; Query Match 72.8%; Score 18.2%; DB 4; Length 7037;
; SEQ ID NO: 3746 ; Best Local Similarity 87.0%; Pred. No. 95; Indels 0; Gaps 0;
; LENGTH: 1755 ; Matches 20; Conservative 0; Mismatches 3;
; TYPE: DNA ;
; ORGANISM: Acinetobacter baumannii
US-09-328-332-3746

Query Match 72.8%; Score 18.2%; DB 4; Length 1755;
; Best Local Similarity 87.0%; Pred. No. 88; Indels 0; Gaps 0;
; SEQ ID NO: 3746 ; Matches 20; Conservative 0; Mismatches 3;
; LENGTH: 1755 ;
; TYPE: DNA ;
; ORGANISM: Acinetobacter baumannii
US-09-328-332-3746

RESULT 6
US-09-601-198-70
; Sequence 70, Application US/09601198
; Patent No. 6531583
; GENERAL INFORMATION:
; APPLICANT: Cassell, Gail H.
; APPLICANT: Chen, Ellison Y.
; APPLICANT: Glass, Jennifer S.
; APPLICANT: Glass, John F.
; APPLICANT: Heiner, Cheryl R.
; APPLICANT: Lejkowicz, Elliot
; TITLE OF INVENTION: NUCLEIC ACID PROBES AND METHOD FOR DETECTING UREAPLASMA
; TITLE OF INVENTION: UREALYTICUM
; FILE REFERENCE: UAB-13452/22
; CURRENT APPLICATION NUMBER: US/09/601,198
; CURRENT FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/073,189
; PRIOR FILING DATE: 1998-01-30
; NUMBER OF SEQ ID NOS: 181
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO: 70
; LENGTH: 2427
; TYPE: DNA
; ORGANISM: Ureaplasma urealyticum
US-09-601-198-70

Query Match 72.8%; Score 18.2%; DB 4; Length 2427;
; Best Local Similarity 87.0%; Pred. No. 90; Indels 0; Gaps 0;
; SEQ ID NO: 70 ; Matches 20; Conservative 0; Mismatches 3;
; LENGTH: 2427 ;
; TYPE: DNA ;
; ORGANISM: Ureaplasma urealyticum
US-09-601-198-70

RESULT 7
US-09-853-768-3
; Sequence 3, Application US/09853768
; Patent No. 644466
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF HELICASE-MOI EXPRESSION
; FILE REFERENCE: RTS-0217
; CURRENT FILING DATE: 2001-05-10
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO: 3
; LENGTH: 7037
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:

Query Match 72.8%; Score 18.2%; DB 2; Length 19124;
; Best Local Similarity 87.0%; Pred. No. 99; Indels 0; Gaps 0;
; SEQ ID NO: 3 ; Matches 20; Conservative 0; Mismatches 3;
; LENGTH: 7037 ;
; TYPE: DNA ;
; ORGANISM: Sequence 2295 ; Application US/0913294A
; FEATURE:

Query Match 72.8%; Score 18.2%; DB 2; Length 19124;
; Best Local Similarity 87.0%; Pred. No. 99; Indels 0; Gaps 0;
; SEQ ID NO: 3 ; Matches 20; Conservative 0; Mismatches 3;
; LENGTH: 7037 ;
; TYPE: DNA ;
; ORGANISM: Homo sapiens
; FEATURE:

RESULT 9
US-09-313-294A-2295/C
; Sequence 3, Application US/0913294A
; FEATURE:

Patent No. 6476212
 GENERAL INFORMATION:
 APPLICANT: Laligdi, Raghunath V.
 ATTORNEY: Ito, Laura Y.
 TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM CORN EAR
 FILE REFERENCE: PL-0017 US
 CURRENT APPLICATION NUMBER: US/09/313,294A
 CURRENT FILING DATE: 1999-05-14
 NUMBER OF SEQ ID NOS: 7600
 SEQ ID NO: 2295
 LENGTH: 257
 TYPE: DNA
 ORGANISM: Zea mays
 FEATURE:
 NAME/KEY: misc_feature
 OTHER INFORMATION: Incyte ID No. 6476212 700552442H1
 US-09-313-294A-2295

Query Match Score 17.6; DB 4; Length 257;
 Best Local Similarity 83.3%; Pred. No. 1.4e+02;
 Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
 Qy 1 CCATATACTCATCAAAACA 24
 Db 96 CCACATATTATTTAAACA 73

RESULT 10 US-09-107-532A-803/C
 Sequence 803, Application US/09107532A
 Patent No. 653275

GENERAL INFORMATION:
 APPLICANT: Lynn A. Doucette-Stamm and David Bush
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
 ENTROCOCCUS FABICUM FOR DIAGNOSTICS AND THERAPEUTICS
 NUMBER OF SEQUENCES: 7310
 CORRESPONDENCE ADDRESS:
 ADDRESSE: GENOME THERAPEUTICS CORPORATION
 STREET: 100 Beaver Street
 CITY: Waltham
 STATE: Massachusetts
 COUNTRY: USA
 ZIP: 02354

COMPUTER READABLE FORM:
 MEDIUM TYPE: CD-ROM ISO96660
 COMPUTER: PC
 OPERATING SYSTEM: <Unknown>
 SOFTWARE: ASCII

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/107,532A
 FILING DATE: 30-Jun-1998
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/085,598
 FILING DATE: 14 May 1998
 APPLICATION NUMBER: 60/051571
 FILING DATE: July 2, 1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Arinello, Pamela DeSke
 REGISTRATION NUMBER: 40,489
 REFERENCE/DOCKET NUMBER: GTc-012
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (781)893-5007
 TELEFAX: (781)893-8277

INFORMATION FOR SEQ ID NO: 803:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 759 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: circular
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO

ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: Enterococcus faecium
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (B) LOCATION 1..759
 SEQUENCE DESCRIPTION: SEQ ID NO: 803:
 US-09-107-52A-803

Query Match Score 17.6; DB 4; Length 759;
 Best Local Similarity 83.3%; Pred. No. 1.5e+02;
 Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
 Qy 1 CCATATACTCATCAAAACA 24
 Db 374 CCATAAATATCATCATACCA 351

RESULT 11 US-09-540-226-576/c
 Sequence 576, Application US/09540236
 Patent No. 6673910

GENERAL INFORMATION:
 APPLICANT: Gary L. Breton et al.
 TITLE OF INVENTION: NUCLEIC ACIDS AND AMINO ACID SEQUENCES RELATING TO MORAXELLA CATARRHALIS
 FILE REFERENCE: 2709 2005-001
 CURRENT APPLICATION NUMBER: US/09/540,236
 CURRENT FILING DATE: 2000-04-04
 NUMBER OF SEQ ID NOS: 3840
 SEQ ID NO: 576
 LENGTH: 1200
 TYPE: DNA
 ORGANISM: M.Catarrhalis

RESULT 12 US-09-620-312D-908
 Sequence 908, Application US/09620312D
 Patent No. 6569612

GENERAL INFORMATION:
 APPLICANT: Tang, Y. Tom
 Liu, Chenghua
 Asundi, Vinod
 Zhang, Jie
 Ren, Feiyan
 Chen, Rui-hong
 Zhao, Qing A.
 Wehrman, Tom
 Xue, Aidiang J.
 Yang, Yonghong
 Wang, Jian-Rui
 Zhou, Ping
 Ma, Yunding
 Wang, Dunring
 Wang, Zhiwei
 John, Millinghast
 Dimanac, Radjoje T.
 APPLICANT: Polypeptides
 TITLE OF INVENTION: No. 6569621 Nucleic Acids and
 FILE REFERENCE: 84 CLIP2B
 CURRENT APPLICATION NUMBER: US/09/620,312D
 CURRENT FILING DATE: 2000-07-19
 PRIORITY APPLICATION NUMBER: 09/552,317

PRIOR FILING DATE: 2000-04-25
 PRIOR APPLICATION NUMBER: 09/488,725
 PRIOR FILING DATE: 2000-01-21
 NUMBER OF SEQ ID NOS: 1105
 SOFTWARE: pt_FL_genes Version 1.0
 SEQ ID NO: 908
 LENGTH: 1995
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: CDS
 LOCATION: (117)..(1031)
 US-09-620-312-D-908

Query Match 70.4%; Score 17.6; DB 4; Length 1995;
 Best Local Similarity 83.3%; Pred. No. 1.5e+02;
 Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2 CATAATCTACATTCAAAACA 25
 Db 1966 CATAATATACATAAAAAA 1989

RESULT 13
 US-10-204-708-88/C
 Sequence 88; Application US/10204708
 Patent No. 67731
 GENERAL INFORMATION:
 APPLICANT: OLEK, Alexander
 APPLICANT: PEPPENBROCK, Christian
 APPLICANT: BERLIN, Kurt
 TITLE OF INVENTION: Diagnosis of Diseases Associated with DNA Replication
 FILE REFERENCE: 5013.101.2
 CURRENT APPLICATION NUMBER: US/10/204.708
 CURRENT FILING DATE: 2003-05-06
 PRIOR APPLICATION NUMBER: PCT/EP01/03571
 PRIOR FILING DATE: 2001-04-06
 PRIOR APPLICATION NUMBER: DE 10019058.8
 PRIOR FILING DATE: 2000-04-06
 PRIOR APPLICATION NUMBER: DE 10019173.8
 PRIOR FILING DATE: 2000-04-07
 PRIOR APPLICATION NUMBER: DE 10032529.7
 PRIOR FILING DATE: 2000-06-30
 PRIOR APPLICATION NUMBER: DE 10043826.1
 PRIOR FILING DATE: 2000-09-01
 NUMBER OF SEQ ID NOS: 98
 SEQ ID NO: 88
 LENGTH: 6182
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
 US-10-204-708-88

Query Match 70.4%; Score 17.6; DB 4; Length 6182;
 Best Local Similarity 83.3%; Pred. No. 1.6e+02;
 Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2 CATAATCTACATTCAAAACA 25
 Db 4798 CATAATCTACATTCAAAAAA 4775

RESULT 14
 US-09-145-217-1
 Sequence 1; Application US/09345217
 GENERAL INFORMATION:
 APPLICANT: DUFF, GORDON W.
 APPLICANT: COX, ANGELA
 APPLICANT: CAMP, NICOLA J.
 APPLICANT: DIGIOVINE, FRANCESCO S.

Search completed: September 16, 2004, 16:26:55
 Job time : 52.6565 secs

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Om nucleic - nucleic search, using sw model

Run on: September 16, 2004, 15:53:12 ; Search time 222.71 Seconds
 (without alignments) 149.53
 566.594 Million cell. updates/sec

Title: US-09-477-082-32

Perfect score: 25

Sequence: 1 ccatatatatctacattcaaaaaaa 25

Scoring table: IDENTITY NUC
 Gapop 10.0 , Gapext 1.0

Searched: 3327077 seqs, 2523723180 residues

Total number of hits satisfying chosen parameters:
 Minimum DB seq length: 0
 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%

Listing First 45 summaries

Database : Published Applications NA:*

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 3: /cggn2_6/podata/2/pubnra/us06_pubnra.seq;*
 4: /cggn2_6/podata/2/pubnra/us06_pubcomb.seq;*
 5: /cggn2_6/podata/2/pubnra/us07_pubnra.seq;*
 6: /cggn2_6/podata/2/pubnra/us07_pubnra.seq;*
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 8: /cggn2_6/podata/2/pubnra/us08_pubcomb.seq;*
 9: /cggn2_6/podata/2/pubnra/us08_pubnra.seq;*
 10: /cggn2_6/podata/2/pubnra/us09_pubnra.seq;*
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 14: /cggn2_6/podata/2/pubnra/us09_pubnra.seq;*
 15: /cggn2_6/podata/2/pubnra/us10_pubnra.seq;*
 16: /cggn2_6/podata/2/pubnra/us10_pubnra.seq;*
 17: /cggn2_6/podata/2/pubnra/us10_pubnra.seq;*
 18: /cggn2_6/podata/2/pubnra/us60_pubnra.seq;*
 19: /cggn2_6/podata/2/pubnra/us60_pubnra.seq;*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Description
			%
C 1	20.2	80.8 17280 13 US-10-221-714A-498	Sequence 498, App
C 2	20.2	80.8 210405 16 US-10-027-632-76212	Sequence 76212, A
C 3	20.2	80.9 210405 16 US-10-027-632-76212	Sequence 76212, A
C 4	19.8	79.2 5474 17 US-10-433-793-96	Sequence 96, App
C 5	19.2	76.8 611 13 US-10-027-632-215065	Sequence 215064,
C 6	19.2	76.8 611 13 US-10-027-632-215065	Sequence 215065,
C 7	19.2	76.8 611 13 US-10-027-632-215066	Sequence 215066,
C 8	19.2	76.8 611 16 US-10-027-632-215064	Sequence 215064,
C 9	19.2	76.8 611 16 US-10-027-632-215065	Sequence 215065,
C 10	19.2	76.8 611 16 US-10-027-632-215066	Sequence 215066,
C 11	19.2	76.8 748 13 US-10-027-632-29050	Sequence 29050, A
C 12	19.2	76.8 748 16 US-10-027-632-29050	Sequence 29050, A
C 13	19.2	76.8 1236 13 US-10-027-632-215063	Sequence 215063,
C 14	19.2	76.8 1236 16 US-10-027-632-215063	Sequence 215063,

Sequence 508, APP Sequence 2196, APP Sequence 2, APP

Sequence 266, APP Sequence 439, APP

Sequence 33179, A

Sequence 33179, A

Sequence 3721, APP

Sequence 1492, APP

Sequence 678, APP

Sequence 35, APP

Sequence 2, APP

Sequence 877, APP

Sequence 149, APP

Sequence 174, APP

Sequence 12299, APP

Sequence 27128, APP

Sequence 27128, A

Sequence 119, APP

Sequence 120, APP

Sequence 974, APP

Sequence 13475, APP

Sequence 317661, APP

Sequence 17661, APP

Sequence 91256, APP

Sequence 91256, APP

Sequence 1844, APP

Sequence 1977, APP

Sequence 511, APP

ALIGNMENTS

RESULT 1

US-10-221-714A-498/C

; Sequence 498, Application US-10221714A

; Publication No. US20040048254A1

; GENERAL INFORMATION;

; APPLICANT: OLEK, Alexander

; ATTORNEY: PIEPERBROCK, Christian

; APPLICANT: BERLIN, Kurt

; TITLE OF INVENTION: Diagnosis of Diseases Associated with

; tumor suppressor Genes and oncogenes

; FILE REFERENCE: 5013_1005

; CURRENT APPLICATION NUMBER: US/10/221_714A

; CURRENT FILING DATE: 2003-01-21

; PRIOR APPLICATION NUMBER: PCT/EP01/02955

; PRIOR FILING DATE: 2000-04-07

; PRIOR APPLICATION NUMBER: DE 10032529.7

; PRIOR FILING DATE: 2000-06-30

; NUMBER OF SEQ ID NOS: 540

; SEQ ID NO: 498

; LENGTH: 17280

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)

US-10-221-714A-498

Query Match Score 80.8%; Score 20.2%; DB 13; Pred. No. 7.4e+02;

Best Local Similarity 88.0%; Indels 3; Mismatches 0; Gaps 0;

RESULT 3
 US-10-027-632-76212 ; Sequence 76212, Application US/10027632
 ; Publication No. US20030204075A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Wang, David G.
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
 ; FILE REFERENCE: 108827-129
 ; CURRENT APPLICATION NUMBER: US/10/027,632
 ; PRIOR APPLICATION NUMBER: US 60/185,218
 ; PRIOR FILING DATE: 2000-02-24
 ; PRIOR APPLICATION NUMBER: US 60/167,363
 ; PRIOR FILING DATE: 1999-11-23
 ; PRIOR APPLICATION NUMBER: US 60/156,358
 ; PRIOR FILING DATE: 1999-09-30
 ; PRIOR APPLICATION NUMBER: US 60/146,002
 ; PRIOR FILING DATE: 1999-08-09
 ; NUMBER OF SEQ ID NOS: 325720
 ; SEQ ID NO: 76212
 ; LENGTH: 140405
 ; TYPE: DNA
 ; ORGANISM: Human
 ; FEATURE: misc_feature
 ; LOCATION: (1) . . . (2140405)
 ; OTHER INFORMATION: n = A,T,C or G
 ; SEQ ID NO: 76212
 ; LENGTH: 2140405;

Query Match 80.8%; Score 20.2; DB 13; Length 2140405;
 Best Local Similarity 88.0%; Pred. No. 1.1e+03; Indels 0; Gaps 0;
 Matches 22; Conservative 0; Mismatches 3;

Qy 1 CCTATATCATCATCAAAACAA 25
 Db 1380416 CCACATGTCTACATGAAACAA 1380440

RESULT 3
 US-10-027-632-76212 ; Sequence 76212, Application US/10027632
 ; Publication No. US20030204075A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Wang, David G.
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
 ; FILE REFERENCE: 108827-129
 ; CURRENT APPLICATION NUMBER: US/10/027,632
 ; PRIOR APPLICATION NUMBER: US 60/185,218
 ; PRIOR FILING DATE: 2000-02-24
 ; PRIOR APPLICATION NUMBER: US 60/193,483
 ; PRIOR FILING DATE: 2000-03-29
 ; PRIOR APPLICATION NUMBER: US 60/185,218
 ; PRIOR FILING DATE: 2000-02-24
 ; PRIOR APPLICATION NUMBER: US 60/167,363
 ; PRIOR FILING DATE: 1999-11-23

Query Match 80.8%; Score 20.2; DB 13; Length 2140405;
 Best Local Similarity 88.0%; Pred. No. 1.1e+03; Indels 0; Gaps 0;
 Matches 22; Conservative 0; Mismatches 3;

Qy 1 CCTATATCATCATCAAAACAA 25
 Db 1380416 CCACATGTCTACATGAAACAA 1380440

RESULT 3
 US-10-027-632-76212 ; Sequence 76212, Application US/10027632
 ; Publication No. US20030204075A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Wang, David G.
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
 ; FILE REFERENCE: 108827-129
 ; CURRENT APPLICATION NUMBER: US/10/027,632
 ; PRIOR APPLICATION NUMBER: US 60/185,218
 ; PRIOR FILING DATE: 2000-02-24
 ; PRIOR APPLICATION NUMBER: US 60/193,483
 ; PRIOR FILING DATE: 2000-03-29
 ; PRIOR APPLICATION NUMBER: US 60/185,218
 ; PRIOR FILING DATE: 2000-02-24
 ; PRIOR APPLICATION NUMBER: US 60/167,363
 ; PRIOR FILING DATE: 1999-11-23

Query Match 80.8%; Score 20.2; DB 13; Length 2140405;
 Best Local Similarity 88.0%; Pred. No. 1.1e+03; Indels 0; Gaps 0;
 Matches 22; Conservative 0; Mismatches 3;

Qy 1 CCTATATCATCATCAAAACAA 25
 Db 1380416 CCACATGTCTACATGAAACAA 1380440

RESULT 4
 US-10-433-793-96/c ; Sequence 96, Application US/10433793
 ; Publication No. US004014233A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Epigenomics AG
 ; TITLE OF INVENTION: Diagnose von mit Angiogenese assoziierten Krankheiten
 ; FILE REFERENCE:
 ; CURRENT APPLICATION NUMBER: US/10/433,793
 ; CURRENT FILING DATE: 2003-06-06
 ; NUMBER OF SEQ ID NOS: 212
 ; SEQ ID NO: 96
 ; LENGTH: 5474
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
 ; SEQ ID NO: 96
 ; LENGTH: 5474
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
 ; SEQ ID NO: 96
 ; LENGTH: 5474
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
 ; SEQ ID NO: 96
 ; LENGTH: 5474
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)

Query Match 79.2%; Score 19.8; DB 17; Length 5474;
 Best Local Similarity 91.3%; Pred. No. 9e+02; Indels 0; Gaps 0;
 Matches 21; Conservative 2; Mismatches 2;

Qy 2 CATAATATCTATCTATTCAAACAA 24
 Db 1823 CATATTATCTTCTACATCAAACAA 1801

RESULT 5
 US-10-027-632-215064/c ; Sequence 215064, Application US/10027632
 ; Publication No. US2003019837A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Wang, David G.
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
 ; FILE REFERENCE: 108827-129
 ; CURRENT APPLICATION NUMBER: US/10/027,632
 ; CURRENT FILING DATE: 2002-04-30
 ; PRIOR APPLICATION NUMBER: US 60/185,218
 ; PRIOR FILING DATE: 2000-07-12
 ; PRIOR APPLICATION NUMBER: US 60/198,676
 ; PRIOR FILING DATE: 2000-04-20
 ; PRIOR APPLICATION NUMBER: US 60/193,483
 ; PRIOR FILING DATE: 2000-03-29
 ; PRIOR APPLICATION NUMBER: US 60/185,218
 ; PRIOR FILING DATE: 2000-02-24
 ; PRIOR APPLICATION NUMBER: US 60/167,363
 ; PRIOR FILING DATE: 1999-11-23

Query Match 79.2%; Score 19.8; DB 17; Length 5474;
 Best Local Similarity 91.3%; Pred. No. 9e+02; Indels 0; Gaps 0;
 Matches 21; Conservative 2; Mismatches 2;

Qy 2 CATAATATCTATCTATTCAAACAA 24
 Db 1823 CATATTATCTTCTACATCAAACAA 1801

PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/155,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SEQ ID NO: 215064
; LENGTH: 611
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-215064

Query Match 76.8%; Score 19.2%; DB 13; Length 611;
Best Local Similarity 87.5%; Pred. No. 1.1e+03; Indels 0; Gaps 0;
Matches 21; Conservative 0; Mismatches 3;

Qy 1 CCATATATATCATCTAAACCA 24
Db 391 CCATATATACCTATTTAAACCA 368

RESULT 6
US-10-027-632-215065/C
; Sequence 215065, Application US/10027632
; Publication No. US20020198371A1

GENERAL INFORMATION
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129

CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 215065
; LENGTH: 611
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-215065

Query Match 76.8%; Score 19.2%; DB 13; Length 611;
Best Local Similarity 87.5%; Pred. No. 1.1e+03; Indels 0; Gaps 0;
Matches 21; Conservative 0; Mismatches 3;

Qy 1 CCATATATATCATCTAAACCA 24
Db 391 CCATATATACCTATTTAAACCA 368

RESULT 7
US-10-027-632-215066/C
; Sequence 215066, Application US/10027632
; Publication No. US20020198371A1

GENERAL INFORMATION
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129

CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 215066
; LENGTH: 611
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-215066

Query Match 76.8%; Score 19.2%; DB 13; Length 611;
Best Local Similarity 87.5%; Pred. No. 1.1e+03; Indels 0; Gaps 0;
Matches 21; Conservative 0; Mismatches 3;

Qy 1 CCATATATATCATCTAAACCA 24
Db 391 CCATATATACCTATTTAAACCA 368

RESULT 9
US-10-027-632-215065/C
Sequence 215065, Application US/10027632
Publication No. US20030204072A9
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/1218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 215065
LENGTH: 611
TYPE: DNA
ORGANISM: Human
US-10-027-632-215065

Query Match 76.8%; Score 19.2; DB 16; Length 611;
Best Local Similarity 87.5%; Pred. No. 1..e+03;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CCATATATCATCTAACAA 24
Db 391 CCATATATCATCTAACAA 368

RESULT 10
US-10-027-632-215066/C
Sequence 215066, Application US/10027632
Publication No. US20030204072A9
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/1218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 215066
LENGTH: 611

Query Match 76.8%; Score 19.2; DB 16; Length 611;
Best Local Similarity 87.5%; Pred. No. 1..e+03;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CCATATATCATCTAACAA 24
Db 391 CCATATATCATCTAACAA 368

RESULT 11
US-10-027-632-29050/C
Sequence 29050, Application US/10027632
Publication No. US20020198371A1
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 29050
LENGTH: 748

Query Match 76.8%; Score 19.2; DB 13; Length 748;
Best Local Similarity 87.5%; Pred. No. 1..e+03;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CCATATATCATCTAACAA 24
Db 484 CCATATATCATCTAACAA 461

RESULT 12
US-10-027-632-29050/C
Sequence 29050, Application US/10027632
Publication No. US20030204075A9
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 215066
LENGTH: 611

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; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIORITY NUMBER: US 60/156,358
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2002-07-12
; PRIORITY NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIORITY NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIORITY NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIORITY NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIORITY NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIORITY NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 29050
; LENGTH: 748
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-29050

Query Match    76.8%;  Score 19.2;  DB 16;  Length 748;
Best Local Similarity 87.5%;  Pred. No. 1.1e+03;  Indels 0;  Gaps 0;
Matches 21;  Conservative 0;  Mismatches 3;  Indexes 0;  Gaps 0;

Qy      1 CCATATATCTACATTCAAACA 24
Db      484 CCATATATCTACATTCAAACA 461
Db      1016 CCATATATCTACATTCAAACA 993

RESULT 13
US-10-027-632-215063/c
; Sequence 215063, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIORITY NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIORITY NUMBER: US 60/198,676
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIORITY NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIORITY NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIORITY NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIORITY NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 215063
; LENGTH: 1236
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-215063

Query Match    76.8%;  Score 19.2;  DB 13;  Length 1236;
Best Local Similarity 87.5%;  Pred. No. 1.2e+03;  Indels 0;  Gaps 0;
Matches 21;  Conservative 0;  Mismatches 3;  Indexes 0;  Gaps 0;

Qy      1 CCATATATCTACATTCAAACA 24
Db      1016 CCATATATCTACATTCAAACA 993

RESULT 14
US-10-027-632-215063/c
; Sequence 215063, Application US/10027632
; Publication No. US200304075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIORITY NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIORITY NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIORITY NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIORITY NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIORITY NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIORITY NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIORITY NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 215063
; LENGTH: 4654
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
US-10-027-632-215063

Query Match    76.8%;  Score 19.2;  DB 13;  Length 4654;
Best Local Similarity 87.5%;  Pred. No. 1.5e+03;  Indels 3;  Gaps 0;
Matches 21;  Conservative 0;  Mismatches 3;  Indexes 0;  Gaps 0;

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Qy 2 CATAATATCTACATTCAAACCA 25
Db 874 CATAATTACTCATCCAAACCA 851

Search completed: September 16, 2004, 20:53:54
Job time : 234.71 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: September 16, 2004, 12:06:21 ; Search time 37.5115 Seconds
 (without alignments)

Title: US-09-477-082-33
 Perfect score: 21

Sequence: 1 tagggactcgagactgcga 21

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0
 Searched: 682709 seqs, 27745446 residues

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patients NA:
 1: /cgn2_6/pctodata/2/ina/5A_COMB.seq/*
 2: /cgn1_6/pctodata/2/ina/5B_COMB.seq/*
 3: /cgn2_6/pctodata/2/ina/6A_COMB.seq/*
 4: /cgn2_6/pctodata/2/ina/6B_COMB.seq/*
 5: /cgn2_6/pctodata/2/ina/8PTUS_COMB.seq/*
 6: /cgn2_6/pctodata/2/ina/backfiles1.seq/*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	21	100.0	2887	4 US-09-983-502-14	Sequence 14, App1
2	21	100.0	2887	4 US-09-516-47-14	Sequence 14, App1
3	21	100.0	2887	5 PCT-US96-0521-14	Sequence 14, App1
4	15.4	73.3	454	4 US-09-963-137-12	Sequence 62, App1
c 5	15.4	73.3	633	4 US-09-952-991A-4514	Sequence 4514, App1
c 6	15.4	73.3	771	4 US-09-252-991A-4410	Sequence 4410, App1
c 7	15.4	73.3	1209	3 US-09-028-328-2	Sequence 2, App1
c 8	15.4	72.3	1886	4 US-09-620-312D-647	Sequence 64, App1
c 9	15.2	72.4	321	5 PCT-US94-07659-7	Sequence 7, App1
c 10	15.2	72.4	588	3 US-09-328-111-397	Sequence 397, App1
c 11	15.2	72.4	618	3 US-09-328-111-487	Sequence 487, App1
c 12	15.2	72.4	620	3 US-09-328-111-490	Sequence 490, App1
c 13	15.2	72.4	954	4 US-09-177-419C-7	Sequence 7, App1
c 14	15.2	72.4	1557	4 US-09-023-655-1016	Sequence 1016, App1
c 15	15.2	72.4	3257	5 PCT-US91-09784-1	Sequence 1, App1
c 16	15.2	72.4	3303	1 US-08-081-610-3	Sequence 3, App1
c 17	15.2	72.4	43804	4 US-09-171-461-1	Sequence 1, App1
c 18	14.8	70.5	503	4 US-09-333-381-1783	Sequence 1783, App1
c 19	14.8	70.5	1533	4 US-09-075-454-11	Sequence 11, App1
c 20	14.8	70.5	2123	4 US-09-194-468A-29	Sequence 29, App1
c 21	14.8	70.5	2194	4 US-09-023-655-668	Sequence 668, App1
c 22	14.8	70.5	6378	4 US-09-620-312D-332	Sequence 332, App1
c 23	14.8	70.5	9785	4 US-09-479-128-1	Sequence 1, App1
c 24	14.6	69.5	690	4 US-09-252-991A-13180	Sequence 13180, App1
c 25	14.6	69.5	985	4 US-09-621-976-540	Sequence 2540, App1
c 26	14.6	69.5	2169	4 US-09-105-058C-22	Sequence 22, App1
c 27	14.6	69.5	2273	4 US-09-177-650-88	Sequence 88, App1

ALIGNMENTS

Sequence 1, App1	69.5	3232	4 US-09-177-650-1
Sequence 95, App1	69.5	3287	4 US-09-005-08C-19
Sequence 6, App1	69.5	5120	3 US-08-272-270A-6
Sequence 1, App1	69.5	8370	2 US-08-488-706-1
Sequence 6, App1	69.6	1255	2 US-08-062-126-1
Sequence 3, App1	68.6	5115	3 US-08-766-551-6
Sequence 3, App1	68.6	196	3 US-08-516C-29
Sequence 29, App1	67.6	196	4 US-09-537-911A-29
Sequence 17, App1	67.6	247	4 US-09-364-206-17
Sequence 3, App1	67.6	402	1 US-08-005-034-3
Sequence 17773, App1	67.6	486	4 US-09-621-976-1773
Sequence 1, App1	67.6	624	4 US-09-143-041A-1
Sequence 20, App1	67.6	796	3 US-09-376-148B-1
Sequence 1, App1	67.6	825	3 US-08-986-148B-1
Sequence 4, App1	67.6	895	3 US-08-650-766-4

TELEPHONE: (202) 628-5197
 TELEXFAX: (202) 737-5228
 INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2887 base pairs
 STRANDEDNESS: nucleic acid
 TOPOLOGY: single
 MOLECULE TYPE: cDNA
 US-08-983-502-14

Query Match 100.0% Score 21; DB 4; Length 2887;
 Best Local Similarity 100.0% Pred. No. 0.2; Mismatches 0; Indels 0; Gaps 0;

RESULT 3
 US-09-516-747-14
 Sequence 14, Application US/09516747
 GENERAL INFORMATION:
 PATENT NO.: 6586571
 APPLICANT: David WALLACH
 ADDRESS: Browdy and Neimark
 CITY: 419 Seventh Street N.W., Ste. 300
 STATE: Washington
 COUNTRY: D. C.
 ZIP: 20004

NUMBER OF SEQUENCES: 34
 CORRESPONDENCE ADDRESS:
 Browdy and Neimark
 419 Seventh Street N.W., Ste. 300
 Washington
 D.C.
 20004

TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS
 AND OTHER PROTEINS

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.30

CURRENT APPLICATION NUMBER: US/09/516,747
 FILING DATE: 01-Mar-2000
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/983,502
 FILING DATE: 14-SEP-1995
 APPLICATION NUMBER: IL 114,615
 FILING DATE: 16-JUL-1995
 APPLICATION NUMBER: IL 114,986
 FILING DATE: 17-AUG-1995
 APPLICATION NUMBER: IL 115,319
 FILING DATE: 14-SEP-1995
 APPLICATION NUMBER: IL 116,588
 FILING DATE: 27-DEC-1995
 PRIORITY APPLICATION NUMBER: IL 117,932
 FILING DATE: 16-APR-1996
 INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2887 base Pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

MOLECULE TYPE: cDNA
 PCT-US96-10521-14

Query Match 100.0% Score 21; DB 5; Length 2887;
 Best Local Similarity 100.0% Pred. No. 0.2; Mismatches 0; Indels 0; Gaps 0;

RESULT 4
 US-09-963-137-62
 Sequence 62, Application US/09963137
 GENERAL INFORMATION:
 PATENT NO.: 6596036
 APPLICANT: Pedersen, Firm S
 ADDRESS: Hernandez, Annette B
 CITY: Nielsen, Javier Martin
 STATE: Nielsen, Anne A
 ZIP: Moving, Helle

INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2887 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

MOLECULE TYPE: cDNA
 PCT-US96-10521-14

Query Match 100.0% Score 21; DB 5; Length 2887;
 Best Local Similarity 100.0% Pred. No. 0.2; Mismatches 0; Indels 0; Gaps 0;

RESULT 5
 US-09-963-137-62
 Sequence 62, Application US/09963137
 GENERAL INFORMATION:
 PATENT NO.: 6596036
 APPLICANT: Pedersen, Firm S
 ADDRESS: Hernandez, Annette B
 CITY: Nielsen, Javier Martin
 STATE: Nielsen, Anne A
 ZIP: Moving, Helle

INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2887 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR LYMPHOMA AND LEUKEMIA
 FILE REFERENCE: A-70981/RMS/DCF
 CURRENT APPLICATION NUMBER: US 09/963,137
 CURRENT FILING DATE: 2001-09-24
 PRIOR APPLICATION NUMBER: US 09/668,644
 PRIOR FILING DATE: 2000-09-22
 PRIOR APPLICATION NUMBER: US 09/905,390
 PRIOR FILING DATE: 2001-07-13
 PRIOR APPLICATION NUMBER: US 09/905,491
 PRIOR FILING DATE: 2001-07-13
 PRIOR APPLICATION NUMBER: US 09/662,929
 PRIOR FILING DATE: 2001-09-24
 PRIOR APPLICATION NUMBER: US 09/962,854
 PRIOR FILING DATE: 2001-09-24
 PRIOR APPLICATION NUMBER: US 09/962,916
 PRIOR FILING DATE: 2001-09-24
 PRIOR APPLICATION NUMBER: US 09/962,855
 PRIOR FILING DATE: 2001-09-24
 NUMBER OF SEQ ID NOS: 215
 SOFTWARE: Patentin version 3.1
 SEQ ID NO: 62
 LENGTH: 454
 TYPE: DNA
 ORGANISM: Mus musculus
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (9)..(434)
 OTHER INFORMATION: "n" at 9, 124 and 434 can be any base.
 US-09-963-137-62

RESULT 5
 US-09-252-991A-4514/c
 / Sequence 4514, Application US/09252991A
 / Patent No. 6551795
 / GENERAL INFORMATION:
 / APPLICANT: Marc J. Rubenfield et al.
 / TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
 / TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
 / FILE REFERENCE: 107196.136
 / CURRENT APPLICATION NUMBER: US/09/252,991A
 / CURRENT FILING DATE: 1999-02-18
 / PRIOR APPLICATION NUMBER: US 60/074,788
 / PRIOR FILING DATE: 1998-02-18
 / PRIOR APPLICATION NUMBER: US 60/094,190
 / PRIOR FILING DATE: 1998-07-27
 / NUMBER OF SEQ ID NOS: 33142
 / SEQ ID NO: 4410
 / LENGTH: 771
 / TYPE: DNA
 / ORGANISM: Pseudomonas aeruginosa
 US-09-252-991A-4510

Query Match 73 .3%; Score 15.4; DB 4; Length 771;
 Best Local Similarity 94.1%; Pred. No. 1e+02 ;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3 GGGACTCGGAGACTGC 19
 Db 57 GGGGACTGGCAGCTGC 41

RESULT 7
 US-09-208-328-2
 / Sequence 2, Application US/09028328
 / Patent No. 6216113
 / GENERAL INFORMATION:
 / APPLICANT: Yue, Henry
 / APPLICANT: Hillman, Jennifer L.
 / APPLICANT: Corley, Neil C.
 / TITLE OF INVENTION: HUMAN PROTEIN KINASE C INHIBITOR
 / NUMBER OF SEQUENCES: 4
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: Inoyte Pharmaceuticals, Inc.
 / STREET: 3174 Porter Dr.
 / CITY: Palo Alto
 / STATE: CA
 / COUNTRY: USA
 / ZIP: 94304
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: Diskette
 / COMPUTER: IBM Compatible
 / OPERATING SYSTEM: DOS
 / SOFTWARE: FASTSEQ FOR Windows Version 2.0
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US/09/028,328
 / FILING DATE: Filed Herewith
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER:
 / FILING DATE:
 / ATTORNEY/AGENT INFORMATION:
 / NAME: Billings, Lucy J.
 / REGISTRATION NUMBER: 36,749
 / REFERENCE/DOCKET NUMBER: PF-0483 US
 / TELECOMMUNICATION INFORMATION:
 / TELEPHONE: 650-855-0555
 / TELEFAX: 650-845-1166
 / INFORMATION FOR SEQ ID NC: 2:
 / SEQUENCE CHARACTERISTICS:
 / LENGTH: 1209 base pairs
 / TYPE: nucleic acid
 / STRANDEDNESS: single
 / TOPOLOGY: linear
 / IMMEDIATE SOURCE:
 / LIBRARY: SININOT04
 / CLONE: 2922091
 / US - 09 - 028 - 328 - 2

Query Match 73 .3%; Score 15.4; DB 4; Length 633;
 Best Local Similarity 94.1%; Pred. No. 98 ;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3 GGGACTCGGAGACTGC 19
 Db 560 GGGGACTGGCAGCTGC 544

RESULT 6
 US-09-252-991A-4410/c
 / Sequence 4410, Application US/09252991A

Query Match 73.3%; Score 15.4; DB 3; Length 1209;
 Best Local Similarity 94.1%; Pred. No. 1e+02; Indels 0; Gaps 0;
 Matches 16; Conservative 0; Mismatches 1;

Qy 4 GGGACTGGAGACTGCG 20
 Db 186 GGACCGGGAGACTGCG 202

RESULT 8

US-09-620-312D-647/c
 / Sequence 647, Application US/09620312D
 / GENERAL INFORMATION:
 / APPLICANT: Tang, Y., Tom
 / APPLICANT: Liu, Chenghua
 / APPLICANT: Asundi, Vinod
 / APPLICANT: Zhang, Jie
 / APPLICANT: Ren, Feiyan
 / APPLICANT: Chen, Rui-hong
 / APPLICANT: Zhao, Qing A.
 / APPLICANT: Wehrman, Tom
 / APPLICANT: Xue, Aidong J.
 / APPLICANT: Yang, Yonghong
 / APPLICANT: Wang, Jian Rui
 / APPLICANT: Zhou, Ping
 / APPLICANT: Ma, Yunqing
 / APPLICANT: Wang, Dunrui
 / APPLICANT: Wang, Zhwei
 / APPLICANT: John Tillinhast
 / APPLICANT: Dumanac, Radjo T.
 / TITLE OF INVENTION: No. 5636962e1 Nucleic Acids and
 / TITLE OF INVENTION: Polypeptides
 / FILE REFERENCE: 78ACTP2B
 / CURRENT APPLICATION NUMBER: US/09/620,312D
 / CURRENT FILING DATE: 2000-07-19
 / PRIOR APPLICATION NUMBER: 09/552,317
 / PRIOR FILING DATE: 2000-04-25
 / PRIOR APPLICATION NUMBER: 09/488,725
 / PRIOR FILING DATE: 2000-01-21
 / NUMBER OF SEQ ID NOS: 1105
 / SOFTWARE: pt_FU_genes Version 1.0
 / SEQ ID NO: 647
 / LENGTH: 1886
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 / FEATURE: misc_feature
 / LOCATION: (202)..(1152)
 / FEATURE:
 / NAME/KEY: misc_feature
 / LOCATION: (11)..
 / OTHER INFORMATION: n = a,t,c or g

US-09-620-312D-647

Query Match 73.3%; Score 15.4; DB 4; Length 1886;
 Best Local Similarity 94.1%; Pred. No. 1e+02; Indels 0; Gaps 0;
 Matches 16; Conservative 0; Mismatches 1;

Qy 3 GGGACTGGAGACTGCG 19
 Db 330 GGAAATGGAGACTGCG 314

RESULT 9

PCT-US94-07659-7/c
 / Sequence 7, Application PC/TUSS9407659
 / GENERAL INFORMATION:
 / APPLICANT: Young, Peter
 / APPLICANT: Gross, Mitchell
 / APPLICANT: Jonak, Zdenka L.
 / APPLICANT: Theissen, Timothy

Query Match 72.4%; Score 15.2; DB 5; Length 321;
 Best Local Similarity 85.0%; Pred. No. 1.2e+02; Mismatches 3; Indels 0; Gaps 0;

Qy 1 TAGGGACTGGAGACTGCG 20
 Db 33 TAGGGACTGGAGACTGAG 14

RESULT 10

US-09-328-111-397/c
 / Sequence 397, Application US/09328111
 / Patent No. 6,6233
 / GENERAL INFORMATION:
 / APPLICANT: Steinmann, Kathleen E.
 / APPLICANT: Endge, Wilson O.
 / APPLICANT: Astle, Jon H.
 / APPLICANT: Burgess, Christopher C.
 / APPLICANT: Bushnell, Steven E.
 / APPLICANT: Carroll, Bill, Eddie
 / APPLICANT: Catino, Theodore J.
 / APPLICANT: Derti, Adnan
 / APPLICANT: Ford, Donna M.
 / APPLICANT: Lewis, Marcia E.
 / APPLICANT: Monahan, John E.
 / APPLICANT: Schlegel, Robert
 / TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION
 / TITLE OF INVENTION: PRODUCTS

```

FILE REFERENCE: CCD-257 (US)
CURRENT FILING DATE: 1999-06-08
EARLIER APPLICATION NUMBER: US 60/088,801
NUMBER OF SEQ ID NOS: 850
SEQ ID NO: 397
SOFTWARE: FastSEQ for Windows Version 3.0
LENGTH: 588
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1) .:(588)
OTHER INFORMATION: n = A,T,C or G
US-09-328-111-397

Query Match
Best Local Similarity 85.0%; Score 15.2%; DB 3; Length 588;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Db 314 AGGGGACTGGGAGCTGGGA 295
Db 314 AGGGGACTGGGAGCTGGGA 295

RESULT 11
US-09-328-111-487
Sequence 487, Application US/09328111
PATENT No. 6262333
GENERAL INFORMATION:
APPLICANT: Endege, Wilson O.
APPLICANT: Steimann, Kathleen E.
APPLICANT: Astle, Jon H.
APPLICANT: Burgess, Christopher C.
APPLICANT: Bushnell, Steven E.
APPLICANT: Carroll III, Eddie
APPLICANT: Catino, Theodore J.
APPLICANT: Derti, Adnan
APPLICANT: Ford, Donna M.
APPLICANT: Lewis, Marcia E.
APPLICANT: Monahan, John E.
APPLICANT: Schlegel, Robert
TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION
FILE REFERENCE: CCD-257 (US)
CURRENT APPLICATION NUMBER: US/09/328,111
CURRENT FILING DATE: 1999-06-08
EARLIER APPLICATION NUMBER: US 60/088,801
NUMBER OF SEQ ID NOS: 850
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO: 487
LENGTH: 618
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1) .:(618)
OTHER INFORMATION: n = A,T,C or G
US-09-328-111-487

Query Match
Best Local Similarity 85.0%; Score 15.2%; DB 3; Length 618;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Db 466 AGGGGACTGGGAGCTGGGA 485
Db 466 AGGGGACTGGGAGCTGGGA 485

RESULT 12
US-09-328-111-490
Sequence 490, Application US/09328111
PATENT No. 6262333
GENERAL INFORMATION:
APPLICANT: Endege, Wilson O.
APPLICANT: Steimann, Kathleen E.
APPLICANT: Astle, Jon H.
APPLICANT: Burgess, Christopher C.
APPLICANT: Bushnell, Steven E.
APPLICANT: Carroll III, Eddie
APPLICANT: Catino, Theodore J.
APPLICANT: Derti, Adnan
APPLICANT: Ford, Donna M.
APPLICANT: Lewis, Marcia E.
APPLICANT: Monahan, John E.
APPLICANT: Schlegel, Robert
TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION
FILE REFERENCE: CCD-257 (US)
CURRENT APPLICATION NUMBER: US/09/328,111
CURRENT FILING DATE: 1999-06-08
EARLIER APPLICATION NUMBER: US 60/088,801
NUMBER OF SEQ ID NOS: 850
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO: 490
LENGTH: 620
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1) .:(620)
OTHER INFORMATION: n = A,T,C or G
US-09-328-111-490

Query Match
Best Local Similarity 85.0%; Score 15.2%; DB 3; Length 620;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 2 AGGGGACTGGGAGCTGGGA 21
Db 465 AGGGGACTGGGAGCTGGGA 484
Db 465 AGGGGACTGGGAGCTGGGA 484

RESULT 13
US-09-177-419C-7/C
Sequence 7, Application US/09177419C
PATENT No. 656609
GENERAL INFORMATION:
APPLICANT: Lunn, Erik G.
APPLICANT: Russell, David W.
APPLICANT: Russel, David W.
TITLE OF INVENTION: Cholesterol 25-Hydroxylase
FILE REFERENCE: UTSD1370
CURRENT APPLICATION NUMBER: US/09/177,419C
CURRENT FILING DATE: 1998-10-22
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 7
LENGTH: 954
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence
US-09-177-419C-7

Query Match
Best Local Similarity 85.0%; Score 15.2%; DB 4; Length 954;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 1 TAGGGACTCGAGAGCTGCG 20
Db 523 TGGGGACTCTGAGTCCTGCG 504
Db 523 TGGGGACTCTGAGTCCTGCG 504

```

RESULT 14
 US-09-023-655-1016
 Sequence 1016, Application US/09023655
 GENERAL INFORMATION:
 APPLICANT: Cocks, Benjamin G.
 APPLICANT: Susan G. Stuart
 APPLICANT: Jeffrey J. Seilhamer
 TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
 NUMBER OF SEQUENCES: 1508
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
 STREET: 3174 PORTER DRIVE
 CITY: PALO ALTO
 STATE: CALIFORNIA
 COUNTRY: USA
 ZIP: 94304
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/023,655
 FILING DATE: HEREWITHE
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Zeller, Karen J.
 REGISTRATION NUMBER: 37,071
 REFERENCE/DOCKET NUMBER: PA-0001 US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (650) 845-0555
 TELEFAX: (650) 845-1166
 APPLICATION NUMBER: 1016:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1557 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 IMMEDIATE SOURCE:
 LIBRARY: GENBANK
 CLONE: 9179410
 US-09-023-655-1016

Query Match 72.4%; Score 15.2%; DB 4; Length 1557;
 Best Local Similarity 85.0%; Pred. No. 1.3e+02; Indels 0; Gaps 0;

Qy 2 AGGGACTCGGAGACTGCCA 21
 Db 693 AGGGACTGGGACTGGCA 712

STATE: California
 COUNTRY: U.S.A.
 ZIP: 94105
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.24
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US91/09784
 FILING DATE: 19911230
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/07/635,756
 FILING DATE: 04-JAN-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: Parmelee, Steven W.
 REGISTRATION NUMBER: 31,990
 REFERENCE/DOCKET NUMBER: 13952-7
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 543-9600
 TELEFAX: (415) 543-5043
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 3257 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 HYPOTHETICAL: N
 ANTI-SENSE: N
 ORIGINAL SOURCE:
 ORGANISM: Homo sapiens
 DEVELOPMENTAL STAGE: Adult
 TISSUE TYPE: Umbilical vein
 CELL TYPE: Endothelial
 CELL LINE: HUVEC
 IMMEDIATE SOURCE:
 CLONE: HTG-1
 POSITION IN GENOME:
 UNITS: bp
 FEATURE:
 NAME KEY: CDS
 LOCATION: 136_2199
 OTHER INFORMATION:
 PCT-US91-09784-1

Query Match 72.4%; Score 15.2%; DB 5; Length 3257;
 Best Local Similarity 85.0%; Pred. No. 1.4e+02; Indels 0; Gaps 0;

Qy 2 AGGGACTCGGAGACTGCCA 21
 Db 3089 AGGGACTGGGACTGGCA 3108

Search completed: September 16, 2004, 16:26:57
 Job time : 39.515 secs

RESULT 15
 PCT-US91-09784-1
 Sequence 1, Application PC/TUS9109784
 GENERAL INFORMATION:
 APPLICANT: Davies, Peter JA
 APPLICANT: Stein, Joseph P
 TITLE OF INVENTION: CLONING AND EXPRESSION OF TISSUE
 NUMBER OF SEQUENCES: 4
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Steven W. Parmelee
 STREET: One Market Plaza, Stewart Tower, Suite
 CITY: San Francisco
 STREET: 2000

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OM nucleic - nucleic search, using sw model1
 Run on: September 16, 2004, 15:53:12 ; Search time 187.076 Seconds
 (without alignments)
 566.594 Million cell updates/sec

Title: US-09-477-082-33
 Perfect score: 21 - tagggactggagactgcga 21
 Sequence: IDENTITY NUC Gapext 1.0
 Scoring table: Gapext 10.0 , Gapext 1.0

Searched: 3327077 seqs, 2522723180 residues
 Total number of hits satisfying chosen parameters: 6654154

Minimum DB seq length: 0
 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 45 summaries

Database : Published Applications NA,*
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 2: /cnr2_6_ptodata/2/pubpna/US07_PUBCOMB.seq,*
 3: /cnr2_6_ptodata/2/pubpna/US07_NEW_PUB.seq,*
 4: /cnr2_6_ptodata/2/pubpna/US06_PUBCOMB.seq,*
 5: /cnr2_6_ptodata/2/pubpna/US07_NEW_PUB.seq,*
 6: /cnr2_6_ptodata/2/pubpna/US08_PUBCOMB.seq,*
 7: /cnr2_6_ptodata/2/pubpna/US08_PUB.seq,*
 8: /cnr2_6_ptodata/2/pubpna/US08_PUBCOMB.seq,*
 9: /cnr2_6_ptodata/2/pubpna/US09A_PUBCOMB.seq,*
 10: /cnr2_6_ptodata/2/pubpna/US09B_PUBCOMB.seq,*
 11: /cnr2_6_ptodata/2/pubpna/US09C_PUBCOMB.seq,*
 12: /cnr2_6_ptodata/2/pubpna/US09_NEW_PUB.seq,*
 13: /cnr2_6_ptodata/2/pubpna/US09_NEW_PUB.seq,*
 14: /cnr2_6_ptodata/2/pubpna/US10A_PUBCOMB.seq,*
 15: /cnr2_6_ptodata/2/pubpna/US10B_PUBCOMB.seq,*
 16: /cnr2_6_ptodata/2/pubpna/US10C_PUBCOMB.seq,*
 17: /cnr2_6_ptodata/2/pubpna/US10_NEW_PUB.seq,*
 18: /cnr2_6_ptodata/2/pubpna/US60_NEW_PUB.seq,*
 19: /cnr2_6_ptodata/2/pubpna/US60_PUBCOMB.seq,*

RESULT 1
 US-09-908-975-31650
 ; Sequence 31650, Application US/09908975
 ; Publication No. US20030165843A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SHOSHAN, Avi
 ; APPLICANT: WASSERMAN, Alon
 ; APPLICANT: MINTZ, Eli
 ; APPLICANT: MINTZ, Liat
 ; APPLICANT: PAIGER, Simchon
 ; TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLICE
 ; FILE REFERENCE: 36689.0005
 ; CURRENT APPLICATION NUMBER: US/09/908, 975
 ; CURRENT FILING DATE: 2001-07-20
 ; PRIOR APPLICATION NUMBER: US 60/287,724
 ; PRIOR FILING DATE: 2001-05-02
 ; PRIOR FILING DATE: 2000-07-28
 ; NUMBER OF SEQ ID NOS: 32337
 ; SEQ ID NO: 31650
 ; LENGTH: 60
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens

ALIGNMENTS

Query Match Score 21; DB 10; Length 60;
 Best Local Similarity 100.0%; Prod. No. 2;
 Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULTS

Result No.	Score	Query	Match	Length	DB	ID	Description
1	21	100.0	60	10	US-09-908-975-31650		Sequence 31650, A
2	21	100.0	2887	16	US-10-968-433-14		Sequence 14, Appl
c 3	17.8	84.8	520	17	US-10-767-701-2900		Sequence 29500, A
c 4	17	81.0	1720	13	US-10-027-632-17513		Sequence 17533,
c 5	17	81.0	1720	16	US-10-027-632-17513		Sequence 17533,
c 6	16.8	80.0	527	15	US-10-029-386-11892		Sequence 11892, A
c 7	16.2	77.1	540	17	US-10-067-701-2695		Sequence 26495, A
c 8	16.2	77.1	639	17	US-10-437-963-4955		Sequence 49555, A
c 9	16.2	77.1	723	17	US-10-437-963-20527		Sequence 20527, A
c 10	16.2	77.1	1040	13	US-10-425-114-7317		Sequence 7317, Ap
c 11	16.2	77.1	1135	17	US-10-437-963-30413		Sequence 30413, A
c 12	16.2	77.1	1151	13	US-10-424-539-27148		Sequence 27148, A
c 13	16.2	77.1	2587	13	US-10-425-114-34280		Sequence 34280, A
c 14	16.2	77.1	3265	13	US-10-027-632-112533		Sequence 112533,

RESULTS

US-10-368-438-14
 Sequence 14, Application US/10368438
 GENERAL INFORMATION:
 APPLICANT: David WALLACE
 Mark P. BOLLIN
 Tatya M. GONCHAROV
 Yury V. GOITSEV
 TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS AND OTHER PROTEINS
 NUMBER OF SEQUENCES: 34
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Browdy and Neimark
 STREET: 419 Seventh Street N.W., Ste. 300
 CITY: Washington
 STATE: D. C.
 ZIP: 20004
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Parent In Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/368, 438
 FILING DATE: 20-Feb-2003
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/983, 502
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US96/10521
 FILING DATE: 14-JUN-1996
 APPLICATION NUMBER: IL 114, 615
 FILING DATE: 16-JUL-1995
 APPLICATION NUMBER: IL 114, 986
 FILING DATE: 17-AUG-1995
 APPLICATION NUMBER: IL 115, 319
 FILING DATE: 14-SEP-1995
 APPLICATION NUMBER: IL 116, 588
 FILING DATE: 27-DEC-1995
 APPLICATION NUMBER: IL 117, 932
 FILING DATE: 16-APR-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Browdy, Roger L.
 REGISTRATION NUMBER: 25, 618
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 528-1197
 TELEFAX: (202) 737-3528
 INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2887 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 SEQUENCE DESCRIPTION: SEQ ID NO: 14:
 US-10-368-438-14

Query Match 100.0%; Score 21; DB 16; Length 2887;
 Best Local Similarity 100.0%; Pred. No. 1.1.;
 Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGGACTGGGAGCTCGCA 21
 Db 2211 TAGGGACTGGGAGCTCGCA 241

RESULT 3
 US-10-767-701-29500/c
 Sequence 29500, Application US/10767701
 Publication No. US20040126841
 GENERAL INFORMATION:
 APPLICANT: Kovacic, David K.

US-10-368-438-14
 Sequence 14, Application US/10368438
 GENERAL INFORMATION:
 APPLICANT: Zhou, Yihua
 APPLICANT: Cao, Yongwei
 TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof For Plant Improvement
 FILE REFERENCE: 38-21(53535)B
 CURRENT APPLICATION NUMBER: US/10/767, 701
 CURRENT FILING DATE: 2004-01-29
 NUMBER OF SEQ ID NOS: 63-128
 SEQ ID NO: 29500
 LENGTH: 520
 TYPE: DNA
 ORGANISM: Sorghum bicolor
 FEATURE:
 OTHER INFORMATION: Clone ID: 9301258
 US-10-767-701-29500

Query Match 94.8%; Score 17.8; DB 17; Length 520;
 Best Local Similarity 90.5%; Pred. No. 47;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 TAGGGACTGGGAGCTCGCA 21
 Db 222 TAGGGACTGGGAGCTCGCA 202

RESULT 4
 US-10-027-632-175133/c
 Sequence 175133, Application US/10027632
 Publication No. US2003019371A1

GENERAL INFORMATION:
 APPLICANT: Wang, David G.
 TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
 FILE REFERENCE: 1038927.129
 CURRENT APPLICATION NUMBER: US/10/027, 632
 PRIOR APPLICATION NUMBER: 2002-04-30
 PRIOR FILING DATE: 2002-04-30
 PRIOR APPLICATION NUMBER: US 60/218, 006
 PRIOR FILING DATE: 2000-07-12
 PRIOR APPLICATION NUMBER: US 60/198, 676
 PRIOR FILING DATE: 2000-04-20
 PRIOR APPLICATION NUMBER: US 60/193, 483
 PRIOR FILING DATE: 2000-03-29
 PRIOR APPLICATION NUMBER: US 60/185, 218
 PRIOR FILING DATE: 2000-02-24
 PRIOR APPLICATION NUMBER: US 60/167, 363
 PRIOR FILING DATE: 1999-11-23
 PRIOR APPLICATION NUMBER: US 60/156, 358
 PRIOR FILING DATE: 1999-09-28
 PRIOR APPLICATION NUMBER: US 60/146, 002
 PRIOR FILING DATE: 1999-08-09
 NUMBER OF SEQ ID NOS: 325720
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 175133
 LENGTH: 1720
 TYPE: DNA
 ORGANISM: Human
 US-10-027-632-175133

Query Match 81.0%; Score 17; DB 13; Length 1720;
 Best Local Similarity 81.0%; Pred. No. 92;
 Matches 17; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 1 TAGGGACTGGGAGCTCGCA 21
 Db 87 TAGGGACTGGGAGCTCGCA 67

RESULT 5
 US-10-027-632-175133/c
 Sequence 175133, Application US/10027632
 Publication No. US20030204075A9
 GENERAL INFORMATION:
 APPLICANT: Wang, David G.

US-10-767-701-26495/c
 Sequence 26495, Application US/10767701
 Publication No. US0040172684A1
 GENERAL INFORMATION:
 / APPLICANT: Zhou, Yihua
 / APPLICANT: Kovacic, David K.
 / APPLICANT: Cao, Yongwei
 / TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
 / Plants and Uses Thereof For Plant Improvement
 / FILE REFERENCE: 8-21(5535)B
 / CURRENT APPLICATION NUMBER: US/10/767-701
 / CURRENT FILING DATE: 2004-01-29
 / NUMBER OF SEQ ID NOS: 63128
 / SEQ ID NO: 26495
 / LENGTH: 540
 / TYPE: DNA
 / ORGANISM: Sorghum bicolor
 / FEATURE:
 / OTHER INFORMATION: Clone ID: 30975379
 US-10-767-701-26495

Query Match 77.1%; Score 16.2%; DB 17; Length 540;
 Best Local Similarity 85.7%; Pred. No. 2.7e+0;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

RESULT 8
 US-10-437-963-49565
 / Sequence 49565, Application US/10437963
 / Publication No. US20040123343A1
 / GENERAL INFORMATION:
 / APPLICANT: La Rosa, Thomas J.
 / APPLICANT: Zhou, Yihua
 / APPLICANT: Cao, Yongwei
 / APPLICANT: Wu, Weiwei
 / APPLICANT: Boukharov, Andrey A.
 / APPLICANT: Barbazuk, Brad
 / APPLICANT: Li, Ping
 / TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
 / Plants and Uses Thereof For Plant Improvement
 / FILE REFERENCE: 38-21(5322)B
 / CURRENT APPLICATION NUMBER: US/10/437-963
 / CURRENT FILING DATE: 2003-05-14
 / NUMBER OF SEQ ID NOS: 204966
 / SEQ ID NO: 49565
 / LENGTH: 639
 / TYPE: DNA
 / ORGANISM: Oryza sativa
 / FEATURE:
 / OTHER INFORMATION: Clone ID: PAT_MRT4530_52137C.1
 US-10-437-963-49565

Query Match 77.1%; Score 16.2%; DB 17; Length 639;
 Best Local Similarity 85.7%; Pred. No. 2.6e+0;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

RESULT 9
 US-10-437-963-20527/c
 / Sequence 20527, Application US/10437963
 / Publication No. US20040123343A1
 / GENERAL INFORMATION:
 / APPLICANT: La Rosa, Thomas J.
 / APPLICANT: Kovacic, David K.
 / APPLICANT: Cao, Yongwei
 / TITLE OF INVENTION: MAP TO CHR14.3
 / OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 0.97
 / OTHER INFORMATION: EST HUMAN HIT: AW245988.1, EVALU 0.00e+00
 / OTHER INFORMATION: NT HIT: 9-705-58, EVALU 5.00e-01
 / OTHER INFORMATION: SWISSPROT HIT: Q00192, EVALU 7.40e-01
 US-10-029-386-11892
 / NUMBER OF SEQ ID NOS: 34288
 / SEQ ID NO: 11892
 / LENGTH: 527
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 / FEATURE:
 / OTHER INFORMATION: Annotax Sequence Listing Engine vers. 1.1

Query Match 80.0%; Score 16.8%; DB 15; Length 527;
 Best Local Similarity 90.0%; Pred. No. 1.4e+02; Mismatches 2; Indels 0; Gaps 0;

Qy 1 TAGGGGACTTCGGAGACTGG 20
 Db 175 TGGGGACTCGAGACTGG 194

Query Match 77.1%; Score 16.2%; DB 17; Length 540;
 Best Local Similarity 85.7%; Pred. No. 2.6e+02;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 TAGGGGACTTCGGAGACTGG 21
 Db 81 TACGGGATCTGGAGCTGGGA 61

i APPLICANT: Zhou, Yihua
 i APPLICANT: Cao, Yongwei
 i APPLICANT: Wu, Wei
 i APPLICANT: Boukharov, Andrey A.
 i APPLICANT: Barbazuk, Brad
 i APPLICANT: Li, Ping
 i TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
 i Plants and Uses Thereof for Plant Improvement
 i FILE REFERENCE: 38-21(53221)B
 i CURRENT APPLICATION NUMBER: US/10/437,963
 i FILING DATE: 2003-05-14
 i NUMBER OF SEQ ID NOS: 204966
 i LENGTH: 1135
 i TYPE: DNA
 i ORGANISM: Oryza sativa
 i FEATURE:
 i OTHER INFORMATION: Clone ID: PAT_MRT4530_255886C.1
 i US-10-437-963-30413
 Query Match 77.1%; Score 16.2%; DB 17; Length 1135;
 Best Local Similarity 85.7%; Pred. No. 2.4e+02;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 Qy 1 TAGGGACTCGGAGACTGCGA 21
 Db 613 TGCCCCACTCGGGACCGCGA 633
 RESULT 12 US-10-424-599-27148
 Sequence 21148, Application US/10424599
 i GENERAL INFORMATION:
 i Publication No. US201040031072A1
 i APPLICANT: La Rosa Thomas J
 i APPLICANT: Kovalic, David K
 i APPLICANT: Zhou Yihua
 i APPLICANT: Cao Yongwei
 i TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
 i Plants and Uses Thereof for Plant Improvement
 i FILE REFERENCE: 38-21(53223)B
 i CURRENT APPLICATION NUMBER: US/10/424,599
 i CURRENT FILING DATE: 2003-04-28
 i NUMBER OF SEQ ID NOS: 285684
 i SEQ ID NO 27148
 i LENGTH: 1151
 i TYPE: DNA
 i ORGANISM: Glycine max
 i FEATURE:
 i OTHER INFORMATION: Clone ID: PAT_MRT3847_124515C.1
 i US-10-424-599-27148
 Query Match 77.1%; Score 16.2%; DB 13; Length 1151;
 Best Local Similarity 85.7%; Pred. No. 2.4e+02;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 Qy 1 TAGGGACTCGGAGACTGCGA 21
 Db 711 TTTGGGAACTCGAGATGAGA 731
 RESULT 13 US-10-425-114-34280/C
 Sequence 34280, Application US/10425114
 i GENERAL INFORMATION:
 i Publication No. US201040034888A1
 i APPLICANT: Liu, Jingdong
 i APPLICANT: Zhou, Yihua
 i APPLICANT: Kovalic, David K.
 i APPLICANT: Screen, Steven E
 i APPLICANT: Tabaska, Jack E
 i APPLICANT: Cao, Yongwei
 i TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
 i Plants and Uses Thereof for Plant Improvement
 i FILE REFERENCE: 38-21(53313)B
 i CURRENT APPLICATION NUMBER: US/10/425,114
 i NUMBER OF SEQ ID NOS: 73128
 i SEQ ID NO 7317
 i LENGTH: 1040
 i TYPE: DNA
 i ORGANISM: Glycine max
 i FEATURE:
 i OTHER INFORMATION: Clone ID: 700650943_FLI
 i US-10-425-114-7317
 Query Match 77.1%; Score 16.2%; DB 13; Length 1040;
 Best Local Similarity 85.7%; Pred. No. 2.4e+02;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 Qy 1 TAGGGACTCGGAGACTGCGA 21
 Db 706 TTGGGACTCGAGACTGAGA 726
 RESULT 14 US-10-425-114-34280/C
 Sequence 34280, Application US/10425114
 i GENERAL INFORMATION:
 i Publication No. US201040034888A1
 i APPLICANT: Liu, Jingdong
 i APPLICANT: Zhou, Yihua
 i APPLICANT: Kovalic, David K.
 i APPLICANT: Screen, Steven E
 i APPLICANT: Tabaska, Jack E
 i APPLICANT: Cao, Yongwei
 i TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
 i Plants and Uses Thereof for Plant Improvement
 i FILE REFERENCE: 38-21(53313)B
 i CURRENT APPLICATION NUMBER: US/10/425,114
 i NUMBER OF SEQ ID NOS: 204966
 i SEQ ID NO 30413
 i LENGTH: 1135
 i TYPE: DNA
 i ORGANISM: Oryza sativa
 i FEATURE:
 i OTHER INFORMATION: Clone ID: PAT_MRT4530_3481C.1
 i US-10-437-963-30413
 Query Match 77.1%; Score 16.2%; DB 17; Length 1135;
 Best Local Similarity 85.7%; Pred. No. 2.4e+02;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 Qy 1 TAGGGACTCGGAGACTGCGA 21
 Db 613 TGCCCCACTCGGGACCGCGA 633

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CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
SEQ ID NO: 34280
LENGTH: 2587
TYPE: DNA
ORGANISM: Zea mays
FEATURE INFORMATION: Clone ID: UC-ZMFLMO17241A02_FLI
US-10-45-114-34280

Query Match 77.1%; Score 16.2; DB 13; Length 2587;
Best Local Similarity 85.7%; Pred No. 2.1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Software: FastSEQ for Windows Version 4.0
SEQ ID NO: 112534
Length: 3265
TYPE: DNA
ORGANISM: Human
US-10-027-632-112534

Query Match 77.1%; Score 16.2; DB 13; Length 3265;
Best Local Similarity 85.7%; Pred No. 2e-02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 1 TAGGGGACTCGGAGACTGCGA 21
Db 2974 TAGGGCATCGGAGACTGGA 2954

Search completed: September 16, 2004, 20:54:03
Job time : 196.076 secs

RESULT 14
US-10-027-632-112533/c
Sequence 112533, Application US/10027632
Publication No. US20020198371A1
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
Software: FastSEQ for Windows Version 4.0
SEQ ID NO: 112533
Length: 3265
TYPE: DNA
ORGANISM: Human
US-10-027-632-112533

Query Match 77.1%; Score 16.2; DB 13; Length 3265;
Best Local Similarity 85.7%; Pred No. 2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 1 TAGGGGACTCGGAGACTGCGA 21
Db 2974 TAGGGCATCGGAGACTGGA 2954

RESULT 15
US-10-027-632-112534/c
Sequence 112534, Application US/10027632
Publication No. US20020198371A1
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006

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OM nucleic - nucleic search, using sw model
Run on: September 16, 2004, 12:06:21 ; Search time 37.5115 Seconds
(without alignments)
310.678 Million cell updates/sec

Title: US-09-477-082-34
Perfect score: 21
Sequence: 1 cgttatctgcattcgaggcg 21
Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0
Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing First 4 summaries

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4: /cgn2_6/_prodatal/2/ina/6B_COMB.seq:*

5: /cgn2_6/_prodatal/2/ina/PECTUS_COMB.seq:*

6: /cgn2_6/_prodatal/2/ina/backfiles.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB ID	Description
C 1	15.4	73.3	50341	1	US-09-247-901C-1	Sequence 1, Appli
C 2	15.4	73.3	50341	2	US-09-075-904-1	Sequence 1, Appli
C 3	15.4	73.3	52297	4	US-09-126-336-1	Sequence 1, Appli
C 4	15.4	73.3	52297	4	US-08-105-557-1	Sequence 1, Appli
C 5	15.2	72.4	97	3	US-09-258-197-75	Sequence 75, Appli
C 6	15.2	72.4	97	5	PCT-US16-09451-75	Sequence 75, Appli
C 7	15.2	72.4	6250	1	US-08-129-214-23	Sequence 23, Appli
C 8	15.2	72.4	6250	3	US-09-028-334-23	Sequence 23, Appli
C 9	14.8	70.5	282	4	US-09-107-524-236	Sequence 23,6, Appli
C 10	14.8	70.5	1989	2	US-08-192-055-1	Sequence 1, Appli
C 11	14.8	70.5	7400	3	US-09-116-332-1	Sequence 1, Appli
C 12	14.8	70.5	8050	4	US-09-191-362-11	Sequence 1, Appli
C 13	14.8	70.5	8050	4	US-09-374-562-11	Sequence 1, Appli
C 14	14.8	70.5	536165	4	US-09-214-008-1	Sequence 1, Appli
C 15	14.8	70.5	4403765	3	US-09-103-840A-2	Sequence 2, Appli
C 16	14.8	70.5	4403765	3	US-09-103-840A-2	Sequence 2, Appli
C 17	14.8	70.5	4411529	3	US-09-103-840A-1	Sequence 1, Appli
C 18	14.8	70.5	4411529	3	US-09-103-840A-1	Sequence 1, Appli
C 19	14.6	69.5	1632	1	US-08-365-232-1	Sequence 1, Appli
C 20	14.6	69.5	1632	1	US-08-365-232-1	Sequence 1, Appli
C 21	14.6	69.5	2472	1	US-08-221-750A-2	Sequence 2, Appli
C 22	14.6	69.5	7742	1	US-08-221-750A-1	Sequence 1, Appli
C 23	14.6	69.5	10478	4	US-09-145-774-16	Sequence 16, Appli
C 24	14.4	68.6	290	4	US-09-313-294A-619	Sequence 619, Appli
C 25	14.4	68.6	10803	3	US-09-080-044-1	Sequence 1, Appli
C 26	14.4	68.6	10803	4	US-09-531-857A-1	Sequence 1, Appli
C 27	14.2	67.6	131	4	US-09-313-294A-3943	Sequence 3943, Appli

ALIGNMENTS

RESULT 1
US-09-247-901C-1/c
; Sequence 1, Application US/08247901C
; Patent No. 5750384
; GENERAL INFORMATION:
; APPLICANT: Jacobs et al
; TITLE OF INVENTION: LS SHUTTLE PHASMIDS
; NUMBER OF SEQUENCES: 1
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Amster, Rothstein & Ebenstein
; STREET: 90 Park Avenue
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch 1.44 Mb storage diskette
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: Word Processor (ASCII)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/247,901C
; FILING DATE: May 23, 1994
; CLASSIFICATION: 435
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/057,531
; FILING DATE: April 29, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Bogosian, Elizabeth A
; REGISTRATION NUMBER: 39,911
; REFERENCE/DOCKET NUMBER: 96700/273
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 697-5995
; TELEFAX: (212) 286-0854 or 286-0082
; TELEX: TWX 710-581-4766
; INFORMATION FOR SEQ ID NO.: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 50341
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE:
; DESCRIPTION: LS shuttle phasmid sequence
; HYPOTHETICAL: No
; ANTI SENSE:
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; ORGANISM: LS mycobacteriophage
; STRAIN:
; INDIVIDUAL ISOLATE:

DEVELOPMENTAL STAGE:
 HAPLOTYPE:
 TISSUE TYPE:
 CELL TYPE:
 CELL LINE:
 ORGANELLE:
 IMMEDIATE SOURCE:
 POSITION IN GENOME:
 CHROMOSOME SEGMENT:
 FEATURE:
 NAME/KEY:
 LOCATION:
 IDENTIFICATION METHOD:
 OTHER INFORMATION:
 PUBLICATION INFORMATION: NO. 5750384e
 AUTHORS:
 TITLE:
 JOURNAL:
 VOLUME:
 PAGES:
 DATE:
 DOCUMENT NUMBER:
 FILING DATE:
 PUBLICATION DATE:
 RELEVANT RESIDUES IN SEQ ID NO:
 US-09-247-901C-1

Query Match 73.3%; Score 15.4; DB 1; Length 50341;
 Best Local Similarity 94.1%; Pred. No. 89;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4 GTATCTGATTCGAGGC 20
 Db 22546 GTAGCTGGATTCGAGGC 22530

RESULT 2
 US-09-075-904-1/c
 Sequence 1, Application US/09075904
 Patent No. 5994137

GENERAL INFORMATION:
 APPLICANT: Jacobs, et al.
 TITLE OF INVENTION: LS SHUTTLE PHASMIDS
 NUMBER OF SEQUENCES: 1
 CORRESPONDENCE ADDRESS:
 ADDRESS: Amster, Rothstein & Ebenstein
 STREET: 90 Park Avenue
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10016

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 inch 1.44 Mb storage diskette
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: Word Processor (ASCII)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/075,904
 FILING DATE: May 11, 1998
 CLASIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/247,901
 FILING DATE: May 23, 1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Bogosian, Elizabeth A
 REGISTRATION NUMBER: 39,911
 REFERENCE/DOCKET NUMBER: 96700/475
 TELEPHONE: (212) 697-5995
 TELEX: TWX 710-581-4766
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:

LENGTH: 50341
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE:
 DESCRIPTION: LS shuttle phasmid sequence
 HYPOTHETICAL: No
 ANTI-SENSE:
 FRAGMENT TYPE:
 ORIGINAL SOURCE:
 ORGANISM: LS mycobacteriophage
 STRAIN:
 INDIVIDUAL ISOLATE:
 DEVELOPMENTAL STAGE:
 HAPLOTYPE:
 TISSUE TYPE:
 CELL TYPE:
 CELL LINE:
 ORGANELLE:
 IMMEDIATE SOURCE:
 POSITION IN GENOME:
 CHROMOSOME SEGMENT:
 FEATURE:
 NAME/KEY:
 LOCATION:
 IDENTIFICATION METHOD:
 OTHER INFORMATION: No. 5994137/e
 PUBLICATION INFORMATION:
 AUTORS:
 TITLE:
 JOURNAL:
 VOLUME:
 PAGES:
 DATE:
 DOCUMENT NUMBER:
 FILING DATE:
 PUBLICATION DATE:
 US-09-075-904-1

RELEVANT RESIDUES IN SEQ ID NO:
 Query Match 73.3%; Score 15.4; DB 2; Length 50341;
 Best Local Similarity 94.1%; Prod. No. 89;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4 GTATCTGATTCGAGGC 20
 Db 22546 GTAGCTGGATTCGAGGC 22530

RESULT 3
 US-09-426-436-1/c
 Sequence 1, Application US/09426436
 Patent No. 6225066

GENERAL INFORMATION:
 APPLICANT: William R. Jacobs, Jr.
 APPLICANT: Barry R. Bloom
 APPLICANT: Graham F. Hatfull
 TITLE OF INVENTION: MYCOBACTERIAL SPECIES-SPECIFIC
 TITLE OF INVENTION: REPORTER MYCOBACTERIOPHAGES
 NUMBER OF SEQUENCES: 1
 CORRESPONDENCE ADDRESS:
 ADDRESSE: Amster, Rothstein & Ebenstein
 STREET: 90 Park Avenue
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10016

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 inch 1.44 Mb storage diskette
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: Word Processor (ASCII)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/075,904
 FILING DATE: May 11, 1998
 CLASIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/247,901
 FILING DATE: May 23, 1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Bogosian, Elizabeth A
 REGISTRATION NUMBER: 39,911
 REFERENCE/DOCKET NUMBER: 96700/475
 TELEPHONE: (212) 697-5995
 TELEX: TWX 710-581-4766
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:

ZIP: 10016
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 inch 1.44 Mb storage diskette
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: Word Processor (ASCII)
 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/426,436
 FILING DATE: CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US/08/705,557
 FILING DATE: APPLICATION NUMBER: US/08/057,531
 FILING DATE: February 7, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Pasqualini, Patricia A.
 REGISTRATION NUMBER: 34,894
 REFERENCE/DOCKET NUMBER: 96700/238
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 697-5995
 TELEFAX: (212) 286-0854 OR 286-0082
 TELEX: TWX 710-561-4766
 SEQUENCE CHARACTERISTICS:
 LENGTH: 52297
 TYPE: nucleotide
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: phage genome sequence
 HYPOTHETICAL: no
 FRAGMENT TYPE: not applicable.
 ORIGINAL SOURCE:
 ORGANISM: mycobacteriophage L5
 STRAIN: not applicable
 INDIVIDUAL ISOLATE: L5
 DEVELOPMENTAL STAGE: not applicable
 HAPLOTYPE: not applicable
 TISSUE TYPE: not applicable
 CELL TYPE: not applicable
 CELL LINE: not applicable
 IMMEDIATE SOURCE: mycobacteriophage L5 particles
 POSITION IN GENOME: entire genome
 FEATURE:
 NAME/KEY:
 LOCATION:
 IDENTIFICATION METHOD:
 OTHER INFORMATION:
 PUBLICATION INFORMATION:
 AUTHORS: Hatfull and Sarkis
 TITLE: DNA Sequence, Structure and Gene
 TITLE: Expression of Mycobacteriophage L5:
 TITLE: A Phage System for Mycobacterial
 TITLE: Genetics
 JOURNAL: Molecular Microbiology
 VOLUME: 7
 PAGES: 395-405
 DATE: 1993
 US-09-426-436-1

Query Match 73.3%; Score 15.4; DB 3; Length 52297;
 Best Local Similarity 94.1%; Pred. No. 90;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

RESULT 4
 US-08-705-557-1/C
 Sequence 1, Application US/08705557
 Patent No. 630061
 GENERAL INFORMATION:
 APPLICANT: William R. Jacobs, Jr.

APPLICANT: Barry R. Bloom
 APPLICANT: Graham F. Hatfull
 TITLE OF INVENTION: MYCOBACTERIAL SPECIES-SPECIFIC
 REPORTER MYCOBACTERIOPHAGES
 NUMBER OF SEQUENCES: 1
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Amster, Rothstein & Ebenstein
 STREET: 90 Park Avenue
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10016
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 inch 1.44 Mb storage diskette
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: Word Processor (ASCII)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/705,557
 FILING DATE:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/057,531
 FILING DATE:
 APPLICATION NUMBER: 07/833,431
 FILING DATE: February 7, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Pasqualini, Patricia A.
 REGISTRATION NUMBER: 34,894
 REFERENCE/DOCKET NUMBER: 96700/238
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 697-5995
 TELEFAX: (212) 286-0854 OR 286-0082
 TELEX: TWX 710-581-4766
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 52297
 TYPE: nucleotide
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE:
 DESCRIPTION: phage genome sequence
 HYPOTHETICAL: no
 ANTI-SENSE: no
 FRAGMENT TYPE: not applicable.
 ORIGINAL SOURCE:
 ORGANISM: mycobacteriophage L5
 STRAIN: not applicable
 INDIVIDUAL ISOLATE: L5
 DEVELOPMENTAL STAGE: not applicable
 HAPLOTYPE: not applicable
 TISSUE TYPE: not applicable
 CELL TYPE: not applicable
 CELL LINE: not applicable
 IMMEDIATE SOURCE: mycobacteriophage L5 particles
 POSITION IN GENOME: entire genome
 FEATURE:
 NAME/KEY:
 LOCATION:
 IDENTIFICATION METHOD:
 OTHER INFORMATION:
 PUBLICATION INFORMATION:
 AUTHORS: Hatfull and Sarkis
 TITLE: DNA Sequence, Structure and Gene
 TITLE: Expression of Mycobacteriophage L5:
 TITLE: A Phage System for Mycobacterial
 TITLE: Genetics
 JOURNAL: Molecular Microbiology
 VOLUME: 7
 PAGES: 395-405
 DATE: 1993
 US-08-705-557-1

OTHER INFORMATION:
 AUTHORS: Hatfull and Sarkis
 TITLE: DNA Sequence, Structure and Gene
 TITLE: Expression of Mycobacteriophage L5:
 TITLE: A Phage System for Mycobacteria
 JOURNAL: Genetics
 VOLUME: 7
 PAGES: 395-405
 DATE: 1993
 US-08-705-557-1

Query Match 73.3%; Score 15.4; DB 4; Length 52297;
 Best Local Similarity 94.1%;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4 GTATCTGGATTCTGAGGC 20
 Db 22443 GTAGCTGGATTCTGAGGC 224427

RESULT 5
 US-09-258-797-75
 Sequence 75, Application US/09258797
 GENERAL INFORMATION:
 APPLICANT: Gold, Larry
 TITLE OF INVENTION: Nucleic Acid Ligand Inhibitors to DNA Polymerases
 FILE REFERENCE: NEX 43C/PCT-OP
 CURRENT APPLICATION NUMBER: US/09/258,797
 CURRENT FILING DATE: 1999-03-01
 EARLIER APPLICATION NUMBER: 08/945,734
 EARLIER FILING DATE: 1997-10-28
 EARLIER APPLICATION NUMBER: 08/487,426
 EARLIER FILING DATE: 1995-06-07
 EARLIER APPLICATION NUMBER: 08/487,720
 EARLIER FILING DATE: 1995-06-07
 EARLIER APPLICATION NUMBER: 08/484,557
 EARLIER FILING DATE: 1995-06-07
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 75
 LENGTH: 97
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 OTHER INFORMATION: Sequence
 US-09-258-797-75

Query Match 72.4%; Score 15.2; DB 3; Length 97;
 Best Local Similarity 95.0%;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CGTGTATCGATTCTGAGGC 20
 Db 7 CGTGAAATCGAATTCTGGGC 26

RESULT 6
 PCT-US96-09451-75
 Sequence 75, Application PC/TUS9609451
 GENERAL INFORMATION:
 APPLICANT: LARRY GOLD
 APPLICANT: SUMEDA JAYASENA
 TITLE OF INVENTION: NUCLEAR ACID LIGAND INHIBITORS TO
 TITLE OF INVENTION: DNA POLYMERASES
 NUMBER OF SEQUENCES: 77
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Swanson and Bratschur, L.L.C.
 STREET: 8400 East Prentice Ave., Suite 200
 CITY: Denver
 STATE: Colorado
 COUNTRY: USA
 ZIP: 80111
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
 MEDIUM TYPE: Storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: Wordperfect 6.0
 CURRENT APPLICATION NUMBER: PCT/US96/09451

FILING DATE: 7-JUNE-1995
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Meigs, J. Timothy
 REGISTRATION NUMBER: 38 241
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 919-541-8587
 TELEX: 95.9-541-8689

RESULT 7
 US-08-729-214-23
 Sequence 23, Application US/08729214
 GENERAL INFORMATION:
 APPLICANT: Liqion, James M.
 APPLICANT: Hill, Dwight Steven
 APPLICANT: Ryals, John Andrew
 APPLICANT: Hammer, Phillip E.
 APPLICANT: van Pee, Karl-Heinz
 APPLICANT: Kurner, Sabine
 TITLE OF INVENTION: Genes for the synthesis of
 OTHER INFORMATION: antipathogenic substances
 NUMBER OF SEQUENCES: 27
 CORRESPONDENCE ADDRESS:
 ZIP: 10591
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC DOS/MS-DOS
 SOFTWARE: PatentIn Release #.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/729,214
 FILING DATE: TBA
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Meigs, J. Timothy
 REGISTRATION NUMBER: 38 241
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 919-541-8587
 TELEX: 95.9-541-8689

INFORMATION FOR SEQ ID NO: 23:

SEQUENCE CHARACTERISTICS:
 LENGTH: 6250 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO

FEATURE:
 NAME/KEY: CDS
 LOCATION: 615..2228
 OTHER INFORMATION: /label1= ORF1 /note= "Open Reading Frame #1 of DNA sequence"
 OTHER INFORMATION: /label2= ORF2 /note= "Open Reading Frame #2 of DNA sequence"
 OTHER INFORMATION: /label3= ORF3 /note= "Open Reading Frame #3 of DNA sequence"
 OTHER INFORMATION: /label4= ORF4 /note= "Open Reading Frame #4 of DNA sequence"

US-08-729-214-23

Query Match:
 Best Local Similarity 72.4%; Score 15.2; DB 1; Length 6250;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CGTGTATCGATTGAGGC 20
 Db 2249 CGGGATGCCATTGAGC 2268

RESULT 8
 US-09-028-934-23
 Sequence 23, Application US/09028934
 / Pat. No. 6117670

GENERAL INFORMATION:
 APPLICANT: Ligon, James M.
 APPLICANT: Hill, Dwight S.
 APPLICANT: Lam, Steven T.
 APPLICANT: Hammer, Philip E.
 APPLICANT: van Pee, Karl-Heinz
 APPLICANT: Kirner, Sabine
 APPLICANT: Young, Thomas R.

TITLE OF INVENTION: Pyrrchloritrin Biosynthesis Genes and Uses
 NUMBER OF SEQUENCES: 37

ADDRESSEE: NO. 6117670artis Corporation
 STREET: 3054 Cornwallis Road
 CITY: Research Triangle Park
 STATE: NC
 COUNTY: USA
 ZIP: 27709

COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/028,934
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/729, 214
 FILING DATE: 09-OCT-1998

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/258,261
 FILING DATE: 08-JUN-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Meiss, J. Timothy
 REGISTRATION NUMBER: 38-241
 REFERENCE/DOCKET NUMBER: CGC1506/CIP7
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 919-541-8587
 TELEFAX: 919-541-8689
 INFORMATION FOR SEQ ID NO: 23:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 6250 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO

FEATURE:
 NAME/KEY: CDS
 LOCATION: 615..2228
 OTHER INFORMATION: /product= "PrTA"
 OTHER INFORMATION: /product= "PrTB"
 OTHER INFORMATION: /product= "PrTC"
 OTHER INFORMATION: /product= "PrTD"
 OTHER INFORMATION: /product= "PrTN"

US-09-028-934-23

Query Match:
 Best Local Similarity 72.4%; Score 15.2; DB 3; Length 6250;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CGTGTATCTGATTGAGGC 20
 Db 2249 CGGTATGCGATTGAGC 2268

RESULT 9
 US-09-107-532A-2336
 Sequence 23, Application US/09107532A
 / Patent No. 6593275

GENERAL INFORMATION:
 APPLICANT: Lynn A. Doucette-Stamm and David Bush
 TITLE OF INVENTION: NUCLEAR ACID AND AMINO ACID SEQUENCES RELATING TO
 ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
 NUMBER OF SEQUENCES: 7310
 CORRESPONDENCE ADDRESS:
 ADDRESSSEE: GENOME THERAPEUTICS CORPORATION
 STREET: 100 Beaver Street
 CITY: Waltham
 STATE: Massachusetts
 COUNTRY: USA
 ZIP: 02354

COMPUTER READABLE FORM:
 MEDIUM TYPE: CD/ROM ISO9660
 COMPUTER: PC
 OPERATING SYSTEM: <Unknown>
 SOFTWARE: ASCII

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/107,532A
 FILING DATE: 30-JUN-1998
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/085,598
 FILING DATE: 14 MAY 1998
 APPLICATION NUMBER: 60/051571

FILING DATE: July 2, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Arinello, Pamela Denete
REGISTRATION NUMBER: 40,489
REFERENCE/DOCKET NUMBER: GTC-012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (781)893-5007
TELEFAX: (781)893-8277
INFORMATION FOR SEQ ID NO: 2336:
SEQUENCE CHARACTERISTICS:
LENGTH: 282 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: circular
MOLECULE TYPE: DNA (Genomic)
HYPOTHETICAL: NO
ANTI SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Enterococcus faecium

FEATURE:
NAME/KEY: misc_feature
LOCATION: (B) LOCATION 1..282
SEQUENCE DESCRIPTION: SEQ ID NO: 2336:
us-09-107-532A-2336

Query Match 70.5%; Score 14.6; DB 4; Length 282;
Best Local Similarity 88.9%; Pred. No. 76;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 CGTGTATCGATTGAG 18
Db 205 CCTGTATCGATTGAG 222

RESULT 10
US-08-792-055-1
Sequence 1, Application US/08792055
Patent No. 5853980
GENERAL INFORMATION:
APPLICANT: Rollin, Pierre E.
APPLICANT: Elliott, Luanne
APPLICANT: Ksiazek, Thomas G.
APPLICANT: Nichol, Stuart P.
APPLICANT: Morzunov, Sergey
APPLICANT: Ravkov, Eugene
TITLE OF INVENTION: The Black Creek Canal Hantavirus and Related Methods
TITLE OF INVENTION: Correlation of Sequences
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: NEEDLE & ROSENBERG, P.C.
CITY: Atlanta
STATE: Georgia
COUNTRY: USA
ZIP: 30303

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/792,055
FILING DATE: 03-FEB-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/390,361
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Spatt, Gwendolyn D.
REGISTRATION NUMBER: 36,016
REFERENCE/DOCKET NUMBER: 1414.622
TELECOMMUNICATION INFORMATION:
TELEPHONE: (404) 668-0770

TELEFAX: (404) 668-9880
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1989 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-792-055-1

Query Match 70.5%; Score 14.8; DB 2; Length 1989;
Best Local Similarity 88.9%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 TGTATCGATTGAGGC 20
Db 192 TTGTTCTGATTGGGC 209

RESULT 11
US-09-116-032-1/C
Sequence 1, Application US/09116032
Patent No. 6200576
GENERAL INFORMATION:
APPLICANT: HWONG, CHING LONG
APPLICANT: LO, CHENG-KAI
APPLICANT: YANG, YING-CHIEN
APPLICANT: JENG, KING-SONG
APPLICANT: CHANG, EDWARD L.
TITLE OF INVENTION: SWINE VESICULAR DISEASE VIRUS AND MUTANT STRAINS AND PREPARATION PROCESS AND USE THEREOF
FILE REFERENCE: 9751.79US01
CURRENT APPLICATION NUMBER: US/09/116,032
CURRENT FILING DATE: 1998-07-15
ORGANISM: SWINE VESICULAR DISEASE VIRUS
US-09-116-032-1

Query Match 70.5%; Score 14.8; DB 3; Length 7400;
Best Local Similarity 88.9%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4 GTATCTGATTGAGGGC 21
Db 2993 GTATGACATTGAGGGC 2976

RESULT 12
US-09-491-362-11/C
Sequence 11, Application US/09491362
Patent No. 621017
GENERAL INFORMATION:
APPLICANT: Croteau, Rodney B.
TITLE OF INVENTION: 1-DEOXY-D-XYLOOSE-5-PHOSPHATE REDUCTOISOMERASE, AND FILE REFERENCE: WSR14977
CURRENT APPLICATION NUMBER: US/09/491,362
CURRENT FILING DATE: 2000-01-26
EARLIER APPLICATION NUMBER: 60/1118,349
EARLIER FILING DATE: 1999-02-03
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 11
LENGTH: 8050
TYPE: DNA

i ORGANISM: Arabidopsis thaliana
 i US-09-491-362-11

Query Match Score 70.5%; Score 14.8; DB 3; Length 8050;
 Best Local Similarity 88.9%; Pred. No. 1.4e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2 GTGATCTGCATTGAGG 19
 Db 6843 GTGATCTGCATTGAGG 6825

RESULT 13

US-09-874-562-11/c
 Sequence 11, Application US/09874562
 Patent No. 6420159
 GENERAL INFORMATION:
 APPLICANT: Croteau, Rodney B
 TITLE OF INVENTION: 1-DEOXY-D-XYLULOSE-5-PHOSPHATE REDUCTOISOMERASE, AND
 FILE REFERENCE: WSURI7549
 CURRENT APPLICATION NUMBER: US/09/874,562
 CURRENT FILING DATE: 2001-06-04
 PRIOR APPLICATION NUMBER: 09/491,362
 PRIOR FILING DATE: 2000-01-26
 PRIOR APPLICATION NUMBER: 60/118,349
 PRIOR FILING DATE: 1999-02-03
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 11
 LENGTH: 8050
 TYPE: DNA
 ORGANISM: Arabidopsis thaliana
 US-09-874-562-11

Query Match Score 70.5%; Score 14.8; DB 4; Length 8050;
 Best Local Similarity 88.9%; Pred. No. 1.4e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2 GTGATCTGCATTGAGG 19
 Db 6843 GTGATCTGCATTGAGG 6826

RESULT 14

US-09-214-808-1/c
 Sequence 1, Application US/09214808A
 Patent No. 6475733
 GENERAL INFORMATION:
 APPLICANT: Rosenthal, Andre
 APPLICANT: Freiberg, Christoph
 APPLICANT: Perret, Xavier Philippe
 APPLICANT: Broughton, William John
 TITLE OF INVENTION: Genomic sequence of Rhizobium sp. NGR 234 symbiotic
 Patent No. 6475733
 TITLE OF INVENTION: Plasmid
 FILE REFERENCE: CAP0068
 CURRENT APPLICATION NUMBER: US/09/214,808A
 CURRENT FILING DATE: 1999-06-22
 PRIOR APPLICATION NUMBER: PCT/IB97/00090
 PRIOR FILING DATE: 1997-07-10
 NUMBER OF SEQ ID NOS: 1
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 1
 LENGTH: 5336165
 TYPE: DNA
 ORGANISM: Rhizobium
 US-09-214-808-1

Query Match Score 70.5%; Score 14.8; DB 4; Length 5336165;
 Best Local Similarity 88.9%; Pred. No. 2.5e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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on: September 16, 2004, 15:53:12 ; Search time 187.076 Seconds									
(without alignments)									
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Title: US-09-477-082-34	c 15	15.8	75.2	337022	17	US-10-322-696-52			
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Maximum Match 100%	c 25	15.4	73.3	1909	13	Sequence 14331, A			
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Published Applications NA:*	c 28	15.2	72.4	529	17	Sequence 804, App			
1: /cgn2_6/podata/2/pubbra/us07_pubcomb.seq:*	c 29	15.2	72.4	543	17	Sequence 17043, A			
2: /cgn2_6/podata/2/pubbra/pct_new_pub.seq:*	c 30	15.2	72.4	556	13	Sequence 65362, A			
3: /cgn2_6/podata/2/pubbra/us05_new_pub.seq:*	c 31	15.2	72.4	595	13	Sequence 64185, A			
4: /cgn2_6/podata/2/pubbra/us06_pubcomb.seq:*	c 32	15.2	72.4	714	13	Sequence 13831, A			
5: /cgn2_6/podata/2/pubbra/us07_pubcomb.seq:*	c 33	15.2	72.4	1110	13	Sequence 89411, A			
6: /cgn2_6/podata/2/pubbra/pctus_new_pub.seq:*	c 34	15.2	72.4	1212	13	Sequence 11292, A			
7: /cgn2_6/podata/2/pubbra/us08_pubcomb.seq:*	c 35	15.2	72.4	1331	13	US-10-282-122A42246			
8: /cgn2_6/podata/2/pubbra/us09_pub.seq:*	c 36	15.2	72.4	1434	13	Sequence 31485, A			
9: /cgn2_6/podata/2/pubbra/us09_pubcomb.seq:*	c 37	15.2	72.4	1518	13	Sequence 96, Appl			
10: /cgn2_6/podata/2/pubbra/us09_pubcomb.seq:*	c 38	15.2	72.4	2640	9	Sequence 89411, A			
11: /cgn2_6/podata/2/pubbra/us09_pubseq.seq:*	c 39	15.2	72.4	4280	17	Sequence 77610, A			
12: /cgn2_6/podata/2/pubbra/us09_pubseq.seq:*	c 40	15.2	72.4	39522	13	Sequence 538, App			
13: /cgn2_6/podata/2/pubbra/us09_pubseq.seq:*	c 41	15.2	72.4	55996	12	Sequence 7, Appl			
14: /cgn2_6/podata/2/pubbra/us09_pubseq.seq:*	c 42	15.2	72.4	153995	17	Sequence 7214, App			
15: /cgn2_6/podata/2/pubbra/us09_pubseq.seq:*	c 43	15.2	72.4	3186778	13	Sequence 174961, A			
16: /cgn2_6/podata/2/pubbra/us09_pubseq.seq:*	c 44	15.2	72.4	3186778	13	Sequence 174961, A			
17: /cgn2_6/podata/2/pubbra/us09_pubseq.seq:*	c 45	15.2	72.4	3186778	16	Sequence 174961, A			
RESULT 1									
US-10-27-632-242218/c									
; Sequence 244218, Application US/10027632									
; GENERAL INFORMATION:									
; APPLICANT: Wang, David G.									
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide									
; FILE FEBEREEF: 108827-129									
; CURRENT APPLICATION NUMBER: US/10-027-632									
; PRIORITY APPLICATION NUMBER: US 60/218,006									
; PRIORITY FILING DATE: 2000-07-12									
; PRIORITY APPLICATION NUMBER: US 60/198,676									
; PRIORITY FILING DATE: 1999-11-23									
; PRIORITY APPLICATION NUMBER: US 60/156,358									
; PRIORITY FILING DATE: 1999-09-28									
; NUMBER OF SEQ ID NOS: 325/20									
; SOFTWARE: FastSEQ for Windows Version 4.0									
; SEQ ID NO: 242218									
; LENGTH: 637									
; TYPE: DNA									
; ORGANISM: Human									
; US-10-027-632-242218									
; ALIGNMENTS									
Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.	SUMMARIES								
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3	16.4	78.1	710	13	Sequence 242218,				
4	16.4	78.1	710	16	Sequence 11465, A				
5	16.4	78.1	710	16	Sequence 14092,				
6	16.4	78.1	710	16	Sequence 11465, A				
7	16.2	77.1	1296	13	Sequence 14092,				
8	16.2	77.1	1402	13	Sequence 13447, A				
9	16.2	77.1	2284	15	Sequence 1547, A				
10	15.8	75.2	25	17	Sequence 4115, Ap				
11	15.8	75.2	540	17	Sequence 4115, Ap				
12	15.8	75.2	1360	16	Sequence 5553, A				
13	15.8	75.2	4143	16	Sequence 1535, Ap				
14	15.8	75.2	7396	16	Sequence 25104, A				
15	15.8	75.2	7396	16	Sequence 52, App				
Query Match						78.1%	Score 16.4;	DB 13;	Length 637;
Best Local Similarity						94.4%	Pred. No. 1.9e-02;		
Matches 17;						Conservative	0; Mismatches 1;	Indels 0;	Gaps 0;

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; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 11465
; LENGTH: 710
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-11465

Query Match 78.1%; Score 16.4%; DB 13; Length 710;
Best Local Similarity 94.4%; Pred. No. 1.9e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3 TGTATCTGCAATTGAGGC 20
Db . 284 TGCATCTGCAATTGAGGC 267

RESULT 4
US-10-027-632-144092/c
Sequence 144092, Application US/10027632
Publication No. US20020198371A1
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIORITY APPLICATION NUMBER: US/60/218,006
PRIOR FILING DATE: 2000-04-20
PRIOR FILING DATE: 1999-11-23
PRIOR FILING DATE: 2000-04-20
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-04-24
PRIOR FILING DATE: 2000-04-24
PRIOR FILING DATE: 1999-11-23
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO: 242218
LENGTH: 637
TYPE: DNA
ORGANISM: Human
US-10-027-632-242218

Query Match 78.1%; Score 16.4%; DB 16; Length 637;
Best Local Similarity 94.4%; Pred. No. 1.9e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1 CGTATCTGCAATTGAG 18
201 CGTATCTGCAATTGAG 184

RESULT 3
US-10-027-632-11465/c
Sequence 11465, Application US/10027632
Publication No. US20020198371A1
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIORITY APPLICATION NUMBER: US/60/218,006
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 1999-11-23
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO: 144092
LENGTH: 710
TYPE: DNA
ORGANISM: Human
US-10-027-632-144092

Query Match 78.1%; Score 16.4%; DB 13; Length 710;
Best Local Similarity 94.4%; Pred. No. 1.9e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3 TGTATCTGCAATTGAGGC 20
Db . 284 TGCATCTGCAATTGAGGC 267

RESULT 5
US-10-027-632-11465/c
Sequence 1465, Application US/10027632
Publication No. US20030204075A9
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIORITY APPLICATION NUMBER: US/60/218,006
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-08-09
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720

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PRIV APPLICATION NUMBER: US 60/193,483
PRIV FILING DATE: 2000-03-29
PRIV APPLICATION NUMBER: US 60/185,218
PRIV FILING DATE: 2000-02-24
PRIV APPLICATION NUMBER: US 60/147,363
PRIV FILING DATE: 1999-11-23
PRIV APPLICATION NUMBER: US 60/156,358
PRIV FILING DATE: 1999-09-28
PRIV APPLICATION NUMBER: US 60/146,002
PRIV FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSBQ for Windows Version 4.0
SEQ ID NO: 11465
TYPE: DNA
ORGANISM: Human
JS-10-027-632-11465

Query Match
Best Local Similarity 78.1%; Score 16.4; DB 16; Length 710;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 3 TGTATCGCATTCGAGGC 20
Db 284 TGCATCTGCATTCGAGGC 267

RESULT 6
US-10-027-632-144092/C
Publication No. Sequence 144092, Application US/10027632
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
FILE REFERENCE: 108827-129
CURRENT APPLICATION NUMBER: US 10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/147,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSBQ for Windows Version 4.0
SEQ ID NO: 144092
LENGTH: 710
TYPE: DNA
ORGANISM: Human
JS-10-027-632-144092

Query Match
Best Local Similarity 78.1%; Score 16.4; DB 16; Length 710;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 3 TGTATCGCATTCGAGGC 20
Db 284 TGCATCTGCATTCGAGGC 267

RESULT 7
US-10-369-493-322260
Publication No. Sequence 322260, Application US/10169493
GENERAL INFORMATION:
APPLICANT: Meyers, Rachel E.
TITLE OF INVENTION: Human Kinase Family Members and
FILE REFERENCE: 322260

Query Match
Best Local Similarity 78.1%; Score 16.4; DB 16; Length 710;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 3 TGTATCGCATTCGAGGC 20
Db 284 TGCATCTGCATTCGAGGC 267

RESULT 8
US-10-425-114-13447/C
Sequence 13447, Application US/10425114
Publication No. US2010043888A1
GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
APPLICANT: Zhou, Yihua
APPLICANT: Kovalic, David K.
APPLICANT: Screen, Steven E.
APPLICANT: Tabaska, Jack E.
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
FILE REFERENCE: 3B-21 (53313)B
CURRENT APPLICATION NUMBER: US 10/425,114
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
SEQ ID NO: 13447
LENGTH: 1402
TYPE: DNA
ORGANISM: Zea mays
FEATURE:
OTHER INFORMATION: Clone ID: JC-ZMSHLIB3569P023C06_FLI
US-10-425-114-13447

Query Match
Best Local Similarity 77.1%; Score 16.2; DB 13; Length 1402;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 1 CGTGTATCTGCATTGAGGG 21
Db 969 CGTGTATCTGCATTGAGGG 949

RESULT 9
US-10-335-687A-15
Sequence 15, Application US/10335687A
Publication No. US2003016222A1
GENERAL INFORMATION:
APPLICANT: Meyers, Rachel E.
TITLE OF INVENTION: Human Kinase Family Members and
FILE REFERENCE: 15

Query Match
Best Local Similarity 78.1%; Score 16.4; DB 16; Length 710;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 3 TGTATCGCATTCGAGGC 20
Db 284 TGCATCTGCATTCGAGGC 267

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CURRENT APPLICATION NUMBER: US/10/335,687A
; CURRENT FILING DATE: 2003-01-02
; PRIORITY NUMBER: 60/345,773
; PRIORITY NUMBER: 2002-01-02
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 15
; LENGTH: 2284
; TYPE: DNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (2) . . . (1699)
; SEQ ID NO: 335-687A-15

Query Match
Best Local Similarity 77.1%; Score 16.2%; DB 15;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

RESULT 12
US-10-098-263B-4315/C
; Sequence 4315, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIORITY NUMBER: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO: 4315
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
; SEQ ID NO: 335-687B-4315

Query Match
Best Local Similarity 75.2%; Score 15.8%; DB 15;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

RESULT 13
US-10-369-493-25104/C
; Sequence 25104, Application US/10369493
; Publication No. US20030333675A1
; GENERAL INFORMATION:
; APPLICANT: Cao, Yongwei
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Goldman, Barry S.
; APPLICANT: Chen, Xianteng
; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF PLANTS WITH IMPROVED PROPERTIES
; FILE REFERENCE: 38-10152052/B
; CURRENT APPLICATION NUMBER: US/10/369,493
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/350,039
; NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO: 25104
; LENGTH: 4143
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae
; SEQ ID NO: 5853

Query Match
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With Plant Improvement
FILE REFERENCE: 38-21/53211B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966

Query Match
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21/53211B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-02-21
NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO: 25104
; LENGTH: 4143
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae
; SEQ ID NO: 5853

Query Match
TITLE OF INVENTION: Other Information
FILE REFERENCE: 38-10152052/B
CURRENT APPLICATION NUMBER: US/10/369,493
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US 60/350,039
NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO: 25104
; LENGTH: 4143
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae
; SEQ ID NO: 5853

Query Match
TITLE OF INVENTION: Other Information
FILE REFERENCE: 38-10152052/B
CURRENT APPLICATION NUMBER: US/10/369,493
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US 60/350,039
NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO: 25104
; LENGTH: 4143
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae
; SEQ ID NO: 5853

Best Local Similarity 89.5%; Pred. No. 4.5e+02; Indels 0; Gaps 0;
 Matches 17; Conservative 0; Mismatches 2;

Qy 3 TGTATCTGATTCGAGGGC 21
 Db 2712 TGTATCTGATTCGAGGGC 2694

RESULT 14
 US-09-738-630-52
 Sequence 52, Application US/09738630
 Publication No. US2003016613A1
 GENERAL INFORMATION:
 APPLICANT: Greenspan, Ralph J.
 TITLE OF INVENTION: Methods For Identifying Compounds That Modulate Disorders Related To Nitric Oxide/cGMP-Dependent
 TITLE OF INVENTION: Protein Kinase Signaling
 FILE REFERENCE: P-NI 3906
 CURRENT APPLICATION NUMBER: US/09/738,630
 CURRENT FILING DATE: 2000-12-15
 NUMBER OF SEQ ID NOS: 105
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO 52
 LENGTH: 7396

TYPE: DNA
 ORGANISM: Drosophila melanogaster
 US-09-738-630-52

Query Match 75.2%; Score 15.8; DB 10; Length 7396;
 Best Local Similarity 89.5%; Pred. No. 4.7e+02; Indels 0; Gaps 0;
 Matches 17; Conservative 0; Mismatches 2;

Qy 3 TGTATCTGATTCGAGGGC 21
 Db 1292 TGTATCTGATTCGAGGGC 1310

RESULT 15
 US-10-322-696-52
 Sequence 52, Application US/10322696
 Publication No. US2004016690A1
 GENERAL INFORMATION:
 APPLICANT: Morris, David W.
 APPLICANT: Malandro, Marc
 TITLE OF INVENTION: NOVEL THERAPEUTIC TARGETS IN CANCER
 FILE REFERENCE: 529422001200
 CURRENT APPLICATION NUMBER: US/10/322,696
 CURRENT FILING DATE: 2003-10-17
 NUMBER OF SEQ ID NOS: 186
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO 52
 LENGTH: 337022

TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (1)..(337022)
 OTHER INFORMATION: n = A,T,C or G

US-10-322-696-52

Query Match 75.2%; Score 15.8; DB 17; Length 337022;
 Best Local Similarity 89.5%; Pred. No. 6.1e+02; Indels 0; Gaps 0;
 Matches 17; Conservative 0; Mismatches 2;

Qy 2 GTGTATCTGATTCGAGGGC 20
 Db 99903 GTGTATCTGACTTCACTGAGGC 99921

Search completed: September 16, 2004, 20:54:14
 Job time : 198.076 secs

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